

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

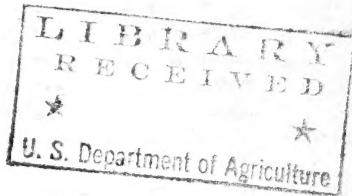
62.41

Gledhill

FERRY-MORSE SEED CO.

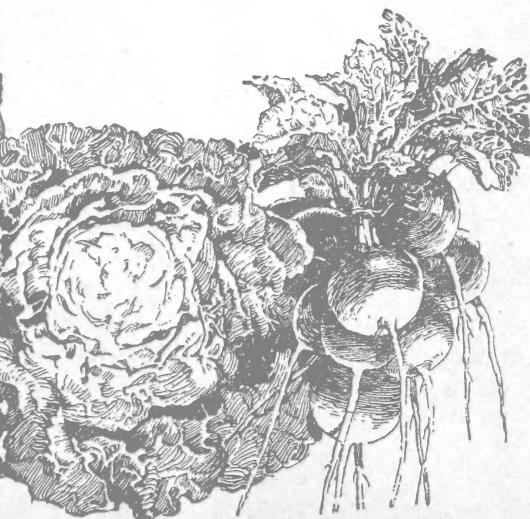
SAN FRANCISCO, CAL.

DETROIT, MICH.



1933

Wholesale Price List



REMARKS ON VARIETY DESCRIPTIONS

Every season samples of each lot of our seeds as well as of promising novelties are planted for observation at our Oakview Experimental Gardens near Detroit and at our Salinas Experimental Gardens in California. The records of these trials constitute the chief source of information used in the descriptions in this booklet.

The number of days required by any particular variety to produce garden stuff fully fit for table use will vary as much as a week, more or less, from year to year, depending upon seasonal conditions. It is notable that garden peas which require 55 days in the locality of Detroit to produce green peas, reach the same stage of development in Alaska in two weeks less time under the influence of long days. Likewise, but probably to a less extent, the character of size is influenced by the seasonal conditions and geographical location. For the sake of uniformity in describing the comparative earliness of varieties, we have used the records of the Oakview Experimental Gardens and base our remarks on a summary of many years' observation. We believe this to be a better standard of comparison and more useful information than the record of behavior under particularly favorable conditions.

CONDITIONS OF SALE

Ferry-Morse Seed Co. give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds they send out and will be in no way responsible for the crop. Where purity and germination are given they indicate recent tests but are not guaranteed. Seeds in bulk are sold outright and are not returnable.

SHIPMENT

The prices contained herein are for delivery f. o. b. cars Detroit, Michigan, or San Francisco, California. If you live East of the Rocky Mountains, please send your orders to us in Detroit. If you live West of the Rocky Mountains, please send your orders to us in San Francisco.

For the accommodation of our customers in Southern California we carry a stock in Los Angeles. Our address there is 632 East 61st Street.

TERMS

Our bills are due net in sixty days. We will allow 1½ % discount for cash ten days from the date of shipment. Cash or satisfactory references should accompany orders from unknown correspondents.

CONTAINERS

When seamless cotton grain bags, boxes, or barrels are necessary for safe transportation, such packages are charged at value and are not returnable.

QUANTITIES

We do not sell less than one-half lb. at the pound rate nor less than one-half oz. at the ounce rate. Smaller quantities are charged at proportionally higher rates.

MEETING TODAY'S CONDITIONS

QUALITY rather than low price has always been our policy. Our customers all know this.

We are still serving many dealers who adopted this same policy when they established their business years ago. That they have in the main succeeded and have been able to survive in spite of the times is proof of the wisdom of handling merchandise of outstanding merit. Prices alone may attract buyers, but good value makes satisfied customers and brings repeat sales.

This year we know you will be interested in learning that we are able to offer you the same EXCELLENT QUALITY in seeds at NEW LOW PRICES—in fact the lowest in years. This, too, is part of our policy of meeting conditions, and we are glad to share it with you.

FERRY-MORSE SEED CO.

Detroit, Michigan

San Francisco, California

January 15, 1933

VEGETABLE SEEDS IN BULK

PURE BRED STOCKS OF THE CHOICEST VARIETIES



A Portion of Our Experimental Gardens Near Detroit, Where Many Thousand Trials are Made Each Year to Determine the Quality of the Seeds We Offer

	ARTICHOKE	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Green Globe		ABASE	\$3.50	\$3.00
The standard variety for home, market garden and shipping; widely grown in California; heads large, globular, deep green; scales very fleshy at base. (The Jerusalem Artichoke is entirely different, being a tuberous rooted member of the Sunflower family.)				

	ASPARAGUS	Code Word		
Martha Washington		ABARTHA	.50	.45
Standard, heavily productive rust resistant strain which produces large, deep green sprouts of the highest quality.				
MARY WASHINGTON		ABARY	.60	.55
A more recently developed rust resistant strain very similar to Martha Washington; likewise produces large deep green sprouts of splendid quality.				

	ASPARAGUS ROOTS	per 1000
Martha Washington	BAGWELL	\$6.50
MARY WASHINGTON	BAHAMA	8.00

BEANS

Beans are planted at our Oakview Experimental Gardens and Seed Breeding Station near Detroit about June 10th. We have indicated the number of days required under ordinary circumstances for the common garden varieties to produce snap pods. The descriptions are of pods at the snap stage of growth. In the field beans we have indicated the days required to mature the crop. In the Lima beans we have noted the number of days required to produce green shell beans under ordinary conditions and the descriptions are of green shell pods.

It is noteworthy that the earlier varieties of garden bean do produce snap pods as early as 40 days from planting in the spring under particularly favorable circumstances. We have chosen to use in our descriptions the average of many seasons' observation. The length of time required does vary according to the section of the country in which the crop is grown. The number of days as indicated is particularly useful in comparing the earliness of varieties.

DWARF OR BUSH, WAX PODDED VARIETIES

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
Challenge Black Wax	BAINS	\$0.12	\$0.11	\$0.10
45 days. The earliest garden bean. Plant small, moderately productive. Pods yellow; 4—4½ in. long, ¾ in. thick, round; fleshy, stringless, brittle, tender. Seeds black.				
Currie's Rust Proof Wax	BEASON	.12	.11	.10
50 days. Well adapted for shipping. Plant thrifty and productive. Pods attractive; yellow; 6 in. long, straight, ½ in. wide, thick, oval; fleshy; moderately fibrous and stringy. Seeds black.				
Davis White Wax	BEETLE	.12	.11	.10
52 days. Well adapted for shipping. Plant large and thrifty. Pods uniform and attractive; light yellow; 6 in. long, ½ in. wide, thick, oval; fleshy and tender when young but become somewhat fibrous and stringy. Seeds white and excellent for baking.				
FERRY'S GOLDEN WAX	BAKER	.12	.11	.10
48 days. A splendid home garden variety; one of the most popular, also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4½—5 in. long; ½ in. wide, thick, oval; fleshy, brittle, stringless. Seeds white, splashed with violet-carmine and purple.				
Grenell Rust Proof Wax	BAMCOL	.12	.11	.10
48 days. Similar to Ferry's Golden Wax. Pods attractive; golden yellow; 4½—5 in. long; ½ in. wide, thick, oval; fleshy, brittle, stringless, slightly fibrous. Seeds white, splashed with brownish-maroon and brownish-yellow.				
Hodson Wax	BELLAIR	.12	.11	.10
65 days. Splendidly adapted for shipping. Plant large, thrifty, with slender branches; heavily productive, notably resistant to disease. Pods attractive light yellow; 6½—7 in. long, ½ in. wide, thick oval; fleshy and tender when very young, but become tough and stringy. Seeds purplish-red splashed with pale buff.				
Prolific Black Wax	BEAGLE	.12	.11	.10
52 days. Splendid home and market garden sort. Plant small; heavily productive over long period. Pods golden yellow; 4½ in. long, ¾ in. thick, round; fleshy, brittle, strictly stringless, fine grained and tender. Seeds black.				
Pencil Pod Wax	BEARD	.12	.11	.10
52 days. Very desirable for home and market garden and for truckers. Plant large and thrifty; heavily productive over long period. Pods handsome bright yellow; 5½—6 in. long, ¾ in. thick, cylindrical; very fleshy, strictly stringless, brittle, fine grained and tender; quality unexcelled. Seeds black.				

DWARF OR BUSH, WAX PODDED VARIETIES (Cont.)

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
Refugee Wax	BALDI	\$0.12	\$0.11	\$0.10
52 days. A valuable canner's sort. Plant medium small; very hardy and prolific. Pods pale yellow; $4\frac{1}{2}$ —5 in. long, $\frac{3}{8}$ in. thick, cylindrical; fleshy, brittle, stringless and tender. Seeds purple mottled with buff.				
ROUND POD KIDNEY WAX	BEELER		.12	.11
(Also known as Brittle Wax) 52 days. Especially valuable for the home garden as well as for canning. Plant erect, medium large, prolific. Pods handsome, waxy light yellow; $5\frac{1}{2}$ —6 in. long; round, fully $\frac{3}{8}$ in. thick; very fleshy, brittle, strictly stringless, without fibre; of highest quality. Seeds white with brownish-black eye.				.10
STRINGLESS KIDNEY WAX	BEELAKE		.12	.11
53 days. Splendid for home or market garden and for canning. Plant large, thrifty, very productive. Pods rich creamy yellow; $\frac{1}{2}$ in. wide, almost round; fleshy, stringless, brittle, fine grained and tender. Seeds white with blackish eye.				.10
SURE CROP WAX	BECTON		.12	.11
53 days. Particularly valuable for market garden and shipping. Plant large and dependably productive. Pods deep yellow; 6— $6\frac{1}{2}$ in. long, $\frac{1}{2}$ in. wide, thick; very fleshy, stringless, brittle, fine grained. Similar to Currie's Rust Proof, but a trifle later and with longer pods. Seeds purplish-black.				.10
Unrivaled Wax	BEDELL		.12	.11
53 days. Extremely prolific home and market garden sort. Plant medium large, thrifty, resistant. Pods attractive clear yellow; $5\frac{1}{2}$ in. long, about $\frac{3}{8}$ in. wide, flat but fleshy; brittle, stringless and tender. Seeds small, glossy yellowish-brown.				.10
Wardwell's Kidney Wax	BEEKMAN		.12	.11
53 days. Particularly valuable for home and market garden. Plants large and thrifty. Pods attractive golden yellow; $5\frac{3}{4}$ —6 in. long, $\frac{5}{8}$ in. wide, $\frac{3}{8}$ in. thick; fleshy, brittle, stringless, fine grained and tender. Seeds white with brownish-black eye.				.10
DWARF OR BUSH, GREEN PODDED VARIETIES				
BOUNTIFUL	BELTON		.11	.10
48 days. Very desirable home and market garden sort; particularly valuable for early shipping. Plant large, thrifty, prolific. Pods clear light green; $6\frac{1}{2}$ —7 in. long, over $\frac{1}{2}$ in. wide, flat, $\frac{3}{8}$ in. thick; fleshy, very slightly fibrous, strictly stringless, brittle and tender. Seeds solid straw-yellow.				.09
Black Valentine	BEMUS		.11	.10
53 days. Splendidly adapted for shipping, but too tough and fibrous to be recommended generally for home gardens. In California this bean is usually called "French String" and is grown by the market gardeners for the earliest bean and used when the pod is about the size of a thick shoe-string. Plant medium large, thrifty, hardy, prolific. Pods dark green, very uniform, symmetrical and attractive; nearly $\frac{1}{2}$ in. wide and almost round; tough, stringy and fibrous; retain handsome color and firm texture long after picking. Seeds solid black.				.09



Some of Our Trained Workers Inspecting Bean Trials at Our Experimental Gardens Near Detroit

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
Dwarf Horticultural	BENTREE	\$0.12	\$0.11	\$0.10
Snap pods 53 days; green shell beans 60 days. Particularly desirable green shell sort for home and market garden; desirable for snaps. Plant medium small, thrifty and productive. Pods dark green at snap stage, becoming greenish-yellow splashed with carmine; 5—5½ in. long, ½ in. wide and flat at snap stage, becoming almost round at green shell stage; strictly stringless, slightly fibrous. Seeds plump oval, pinkish-buff, spotted and streaked with purplish-red.				
Early Refugee	BELSANO	.11	.10	.09
53 days. Splendid for shipping and canning. Plant medium small; compact; hardy; very productive. Pods light green; 4½—5 in. long; ⅜ in. thick, round; uniform; stringless at snap stage; fleshy, brittle, fine grained. Seeds dark violet mottled with buff.				
FULL MEASURE	BELVA	.11	.10	.09
52 days. Unsurpassed for home and market garden. Plant large, thrifty, heavily productive. Pods medium green, 6—6½ in. long; ⅜ in. thick, round; very fleshy, brittle, stringless, fine grained. Seeds reddish-brown mottled with buff.				
GIANT STRINGLESS GREEN POD	BENOIT	.11	.10	.09
53 days. One of the best for home and market garden; very desirable for canning. Plant large, hardy, heavily productive. Pods medium green, 6—6½ in. long; ⅜—⅞ in. thick, round; very fleshy, brittle and stringless. Seeds glossy yellowish-brown.				
Refugee or 1000 to 1	BENWOOD	.11	.10	.09
(Sometimes called Late Refugee, Round Pod Refugee, and Improved Refugee.) 70 days. Very popular canning and pickling sort. Plant large, hardy, extremely productive. Pods medium green; very uniform, 5—5½ in. long, ⅜ in. thick, round; stringy at later stages; very fleshy, brittle and fine grained. Seeds dark violet-purple splashed with buff. Similar to Stringless Refugee, but pods somewhat stringy.				

DWARF OR BUSH, GREEN PODDED VARIETIES (Cont.)

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
RED VALENTINE	BEM	\$0.11	\$0.10	\$0.09
52 days. One of the most dependably productive for home and market garden, unexcelled in quality for snaps. Plant medium sized, erect, compact, hardy. Pods medium green; 4½—5 in. long, $\frac{3}{8}$ in. thick; wider than thick; very slightly stringy; extremely fleshy; brittle, fine grained, tender. Seeds purplish-red splashed with buff; of irregular shape.				
STRINGLESS GREEN POD	BENDON	.11	.10	.09
53 days. High quality for home and market garden. Plant large, thrifty, heavily productive. Pods medium green; 5½ in. long, almost $\frac{1}{2}$ in. wide and equally thick; very fleshy, strictly stringless, fine grained, tender. Seeds coffee brown.				
STRINGLESS REFUGEE	BENZIEN	.13	.11	.10
70 days. Splendid canning variety; young pods particularly valuable for canning and pickling whole. Plant large; very hardy; extremely productive. Pods medium green; very uniform, 5—5½ in. long, $\frac{3}{8}$ in. thick, round; absolutely stringless, very fleshy, brittle and fine grained. Seeds dark violet-purple splashed with buff. Variety differs from Refugee or 1000 to 1 chiefly in being absolutely stringless.				
Tennessee Green Pod	BENRUD	.11	.10	.09
54 days. High quality for home and market garden. Plant large, with long fruiting branches. Pods dark green; 6—7 in. long; $\frac{3}{4}$ in. wide, flat; fleshy, brittle, slightly stringy, of fine flavor. Seeds yellowish-brown.				
Early Marrow Pea or White Navy	BERCAIL	.08	.06	.05½
(The common white pea bean of commerce.) Ripe in 90—100 days. Plant large with tendency to form runners; hardy, very prolific; ripens uniformly. Pods 4 in. long. Dry beans small, white.				
Large White Marrow or Mountain	BEREA	.09	.07	.06½
Ripe in 100 days. High quality large bean for use dry. Plant large with tendency to form runners; very vigorous and productive. Pods 5½ in. long. Dry beans medium large, white.				
White Kidney	BERGOO	.10	.08	.07½
Ripe in 100 days. High quality large bean for use dry. Plant large with tendency to form runners; hardy, heavily productive. Pods 6—6½ in. long. Dry beans large, long kidney shape; white. Also called Royal Dwarf Kidney.				

LIMA BEANS, DWARF

Burpee's Improved Bush	BETSEY	.22	.20	.19
75 days. Plant large, heavily productive. Pods large, 4½—5 in. long, 1½ in. wide, $\frac{3}{8}$ in. thick; usually contain 4 large, thick beans. Dry beans large, flat, greenish-white.				
Dwarf Large White Lima (Burpee's)	BEULAH	.20	.18	.17
75 to 78 days. Standard large seeded bush lima. Plant large, heavily productive. Pods 4½ in. long, 1½ in. wide, $\frac{3}{8}$ in. thick. contain 3 to 4 large, thick beans of splendid quality. Dry beans large, flat; white. Similar to, but often a trifle later than Burpee's Improved Bush Lima and pods a little shorter.				
FORDHOOK BUSH LIMA (Potato Lima)	BEURY	.45	.42	.40
75 days. Plant large, erect, heavily productive. Pods 4—4½ in. long; stout, 1¼ in. wide, $\frac{1}{2}$ in. thick; contain 3 to 4 seeds. Green shell beans large, very plump, of the highest quality. Dry beans large and very plump, white.				
HENDERSON'S BUSH (Baby Lima)	BETHUNE	.14	.12	.11
65 days. Very popular for canning. Plant medium large, heavily productive. Pods small; 3 in. long, $\frac{1}{8}$ in. wide, $\frac{1}{4}$ in. thick, contain 3 to 4 seeds. Green shell beans small, flat, of splendid quality. Dry beans, white. This is the bush form of Small White Lima (Carolina or Sieva).				

POLE OR RUNNING VARIETIES

Code Word

		10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
BURGER'S GREEN POD STRINGLESS	BANNOCK	\$0.17	\$0.15	\$0.14
(Kentucky Wonder White Seeded.) 63 days. Home garden or early market. Pods dark green, 6-7 in. long, slender; roundish; stringless, fleshy, brittle. Dry beans white; suitable for baking.				
Improved London Horticultural	BIRTA	.17	.15	.14
Snaps, 65 days; green shell beans, 74 days. Splendid for home and market garden. Good climber, thrifty, heavily productive. Pods green, becoming splashed with carmine at green shell stage; 7 in. long, $\frac{5}{8}$ in. wide, thick, straight, stringless. Seeds large, pinkish-buff splashed with red. This is 4 to 6 days earlier than London Horticultural or Speckled Cranberry and pods are an inch longer.				
KENTUCKY WONDER (Old Homestead).....	BEVIER	.15	.13	.12
65 days. Unexcelled for home and market garden. Excellent climber, thrifty, heavily productive. Pods medium green; 9 to 10 in. long, nearly round and $\frac{1}{2}$ in. in diameter; slightly stringy, very fleshy, brittle, tender. Seeds dun-colored.				
Kentucky Wonder Wax	BIOLA	.19	.17	.16
67 days. Good climber, heavily productive. Pods waxy yellow; 8 in. long, $\frac{5}{8}$ in. wide, almost as thick as wide; practically stringless; fleshy, brittle, tender. Seeds chocolate-brown.				
Lazy Wife	BISBE	.16	.14	.13
74 days. Excellent for snaps, green shell and dry shell beans for home and market garden. Good climber, heavily productive. Pods medium green; 6-6 $\frac{1}{2}$ in. long, $\frac{3}{4}$ in. wide, thick, straight; fleshy, stringless, brittle, tender. Seeds plump, white.				



Rouging Planting Stocks of Dwarf Beans

Every year we grow quantities of choice planting stocks for the later production of commercial crops. All bean crops are rogued or culled to eradicate inferior plants.

POLE OR RUNNING VARIETIES (Cont.)

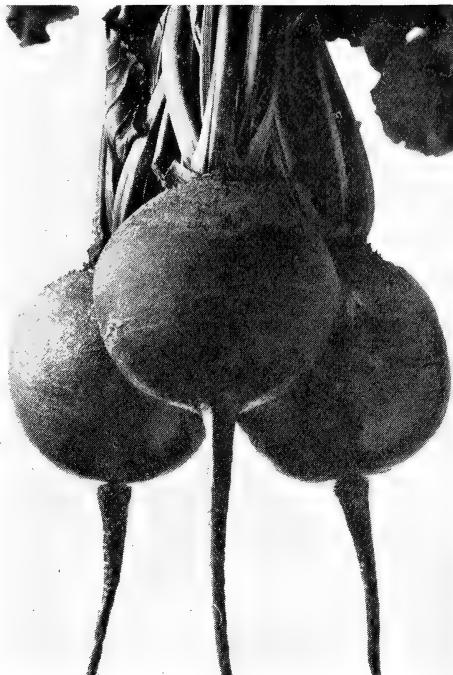
	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
London Horticultural or Speckled Cranberry	BIROME	\$0.16	\$0.14	\$0.13
Snaps 70 days; green shell beans 80 days. Standard for home and market garden. Good climber. Pods 6 in. long, $\frac{5}{8}$ in. wide, thick, straight, stringless; dark green at snap stage, becoming yellowish-green splashed with violet-red at green shell stage. A trifle later than Improved London Horticultural and pods shorter.				
McCASLAN POLE	BEVERLEY	.16	.14	.13
65 days. Splendid for home and market garden for snaps and for dry shell use. Good climber. Pods 8 in. long, medium green, slightly flattened, fleshy, of good quality. Seeds white. Similar to Kentucky Wonder aside from color of seeds; similar to St. Louis Perfection White, but often a little earlier.				
St. Louis Perfection White	BIAS	.16	.14	.13
65 days. Popular for snaps in home and market gardens; suitable for dry shell use. Good climber; productive over long period. Pods medium green; 8—9 in. long, nearly round and $\frac{1}{2}$ in. in diameter; fleshy, brittle, almost stringless, of splendid quality. Seeds white. Aside from color of seeds is somewhat similar to Kentucky Wonder				
SCARLET RUNNER	BALOMAN	.20	.18	.17
About in season with pole-limas. Good climber. Flowers scarlet, decorative. Pods dark green; 6 in. long; flat oval; fleshy; desirable for snaps and green shell beans. Seeds kidney-shaped, flat; dark purple spotted with reddish-buff.				
Scotia or Striped Creaseback	BIGELOW	.16	.14	.13
72 days. Unexcelled corn-field bean for snaps. Good climber, heavily productive. Pods light green, becoming purple spotted; 6 in. long; $\frac{1}{2}$ in. wide, almost as thick; very fleshy, almost stringless, brittle, tender. Seeds light green, becoming stained with purple.				
White Creaseback	BEVAN	.16	.14	.13
62 days. Splendid snap bean for home garden and early market. Good climber, heavily productive. Pods light green, $5\frac{1}{2}$ in. long, $\frac{1}{2}$ in. wide, almost as thick; nearly stringless, very fleshy, brittle, tender. Seeds white; excellent for baking.				

POLE LIMAS

Detroit Mammoth Lima	BLANEY	.20	.18	.17
95 days. The largest podded pole lima. Splendid climber, heavily productive as far North as Ohio. Pods 9—11 in. long, very broad, with 5—7 large flat beans. Seeds very large, thick, flat, white.				
King of the Garden	BIVINS	.20	.18	.16
88 days. Splendid climber, heavily productive. Pods 6 in. long, $1\frac{1}{4}$ in. wide, $\frac{3}{8}$ in. thick; straight, with 4—5 beans. Seeds large; thick, flat, white. An improved form of Large White Lima.				
Large White Lima	BLANKS	.20	.18	.16
88 days. Good climber, heavily productive. Pods 5 to $5\frac{1}{2}$ in. long, $1\frac{1}{4}$ in. wide, $\frac{3}{8}$ in. thick, usually with 4 large beans of excellent quality. Dry beans large, flat, white. Similar to King of the Garden Lima.				
SEIBERT'S EARLY LIMA	BISCOE	.17	.16	.15
80 days. Early and dependably productive for home, market garden and for canning. Pods 5 in. long, $1\frac{1}{8}$ in. wide, $\frac{3}{8}$ in. thick. Seeds large, thick, white.				
Small White Lima (Carolina or Sieva)	BISHOP	.16	.15	.14
78 days. Splendid climber, heavy yielder. Pods $3\frac{1}{2}$ in. long, $\frac{7}{8}$ in. wide, $\frac{1}{4}$ in. thick, with 3—4 seeds. Green shell beans small, flat, of splendid quality. Seeds white. Aside from the climbing habit, later season, and slightly larger pods and seeds, this is similar to the bush form, Henderson's Bush Lima (Baby Lima).				



Good For All



Crimson King

BEET

Beet seed is sown at our Oakview Experimental Gardens near Detroit about May 1. Under ordinarily favorable circumstances, the early varieties produce roots of ideal bunching size ($1\frac{1}{4}$ — $1\frac{3}{4}$ in.) in 50—55 days or late in June. Given plenty of moisture, development thereafter is very rapid, and large size is attained in a week or two. We have indicated the number of days commonly required to produce roots ideal for bunching, the seed being sown May 1.

TABLE VARIETIES

	Code Word	1 lb. or more per lb.	50 lbs. or more per lb.
Crimson King	BLING	\$1.00	\$0.90
55—60 days. A fine large beet of deep blood-red color. Roots globular, refined, smooth; under favorable conditions reach a diameter of $3\frac{1}{2}$ to 4 inches; tops and tap roots small; color even.			
Crosby's Egyptian (Original Strain)	BAWD	.55	.45
50—55 days. Splendid home and market garden sort. Tops medium in size; collar small. Root flattened globe-shape, with small tap root; very dark purplish-red. Flesh deep purplish-red zoned with a lighter shade; crisp and tender.			
DETROIT DARK RED (Our Own Improved Strain).....	BLOCK	.55	.45
52—55 days. The standard of excellence in table beets for home and market garden, shipping and for canning. Tops uniform, small, slender, erect. Roots globe-shaped; symmetrical, with small collar and small tap root; very dark blood-red. Interior very uniform in color, the zones so inconspicuous that the flesh seems to be one solid ball of deep blood-red meat; remains tender and of highest quality until roots are full grown.			
Early Eclipse	BLOND	.45	.35
55 days. For home and market garden. Tops small, erect, slender. Roots globe-shaped; dark purplish-red. Flesh bright purplish-red zoned with a lighter shade.			
Early Wonder	BLISS	.55	.45
50—55 days. Very desirable for home and market garden. Tops small. Root flattened globe-shape with small collar and tap root; dark purplish-red. Flesh deep purplish-red zoned a lighter shade.			

BEET—TABLE VARIETIES (Cont.)

	Code Word	1 lb. or more per lb.	50 lbs. or more per lb.
Early Blood Turnip, Improved	BLOX	\$0.45	\$0.35
60 days. For home and market garden. Tops medium small, but fairly coarse. Roots deep turnip-shaped; dark purplish-red. Flesh deep purplish-red zoned with a lighter shade.			
Edmand's Early Blood Turnip	BLOOM	.45	.35
60 days. For home and market garden. Tops medium small, but coarse. Roots deep turnip-shaped, almost globular; very dark red. Flesh deep purplish-red zoned with a lighter shade.			
Extra Early Egyptian Blood Turnip	BLANTON	.55	.45
50 days. Best for forcing and particularly valuable for early market. Tops small and upright; roots flattened, with long slender tap roots; flesh dark purplish-red zoned lighter.			
Ferry's Crosby	BLAZER	.55	.45
50—55 days. Of excellent quality for home garden and early market. Tops small, but fairly coarse. Root deep turnip-shaped, almost globular; bright carmine-red. Flesh bright vermillion-red with fainter zoning.			
GOOD FOR ALL	BOOG	1.00	.90
52—55 days. Excellent new variety developed from Detroit Dark Red. Especially fine for canning and pickling whole at $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. Roots smooth, even in size and shape, and almost perfectly globular; collar and tap roots very small; interior deep crimson, free from white zones.			
Long Dark Blood Above Ground	BODIE	.55	.45
80—90 days to produce roots 8—10 in. long. The best table beet for field culture; a splendid keeper; superior for pickles. Tops large, upright. Roots grow $\frac{1}{3}$ to $\frac{1}{2}$ above ground; very dark purplish-red below and grayish-russeted above ground; become 14—16 in. long; 3 in. thick at shoulder and are tapered. Flesh very dark purplish-red with indistinct zones of a lighter shade.			
SWISS CHARD, LARGE RIBBED WHITE (Silver Leaf)	BRAZORIA	.55	.45
Tender young leaves can be had 40—45 days after sowing seed and thereafter until frost occurs. Used much in home and market gardens. Plants become 24 in. tall. Leaf blade large and broad; light yellowish-green, smooth; borne on broad, fleshy, very pale green leaf-stem, which is often cooked in the same manner as asparagus.			
Swiss Chard, Large Ribbed, Green Leaved	BREEN	.55	.45
Dark green leaves with broad white stems. Plant upright in growth; leaves fairly smooth.			
SWISS CHARD, LUCULLUS	BREATHIT	.55	.45
In season with Large Ribbed White. Popular home and market garden sort. Plants become 24 in. tall. Leaf blade large and broad, rich yellowish-green; much blistered or crumpled; borne on thick pale green leaf-stem.			
SUGAR BEET			
Klein Wanzleben	BRISTOL	.25	.23
The most desirable beet for sugar manufacture; valuable for stock feeding. Roots medium large; 12—15 in. long, $3\frac{1}{2}$ —4 in. at shoulder, tapered; white with a tinge of gray; very rich in sugar content; good keeper.			

MANGEL WURZEL

Mangel Wurzels, because of the ease of culture, enormous yield and high food value in the ration, are very valuable for stock feed. We list below the most desirable varieties.

	Code Word	1 lb. or more per lb.	50 lbs. or more per lb.
Danish Red Giant Eckendorf	BETON	\$0.27	\$0.25
Enormously productive. Roots very large, thick, cylindrical, compressed at mid-section; blunt; red above, rose below ground; grow largely above ground; easily harvested.			
Danish Yellow Giant Eckendorf	BETOZ	.27	.25
Enormously productive. Roots light yellow, tinged with green above ground. Similar to Kirsch's Ideal or Ideal, and aside from color, the same as Danish Red Giant Eckendorf.			
Danish Sludstrup	BETER	.27	.25
Very high yielder. Roots long oval, orange colored; flesh white with faint yellow tinge.			
Giant Half Sugar, Green Top	BELT	.25	.23
Roots long ovoid, grayish-white with light bronze-green shoulder; flesh white.			
Giant Half Sugar, Rose Top	BELAR	.25	.23
Roots long oval, tapered; grayish-white with rose-colored shoulder; flesh white, rich in sugar.			
Giant Yellow Intermediate	BESET	.25	.23
Roots large, long oval, grow about $\frac{2}{3}$ above ground; light gray tinged with brown above, and orange-yellow below ground; flesh firm, white, rich in sugar, of high feeding value.			
Golden Tankard	BURNETT	.25	.23
Roots large; thick oval, nearly cylindrical; light gray above, deep orange below ground; flesh yellow with white zones.			
Mammoth Long Red	BUNCOM	.25	.23
Superior to strains offered as Norbiton Giant, Colossal, Monarch, etc. Roots large; long spindle shape, straight, and thick; grow $\frac{1}{3}$ to $\frac{1}{2}$ out of ground; light red; flesh white tinged with rose.			
Yellow Leviathan	BURKE	.25	.23
Roots very large, long; thick spindle-shaped; light gray tinged with brown above ground, yellow below; grow $\frac{1}{2}$ above ground; very easily harvested.			



Five Varieties of Mangels. The Line Shows Soil Line or Ground Level

BROCCOLI—CAULIFLOWER TYPE

Our Own Pure-Bred Stocks

The strains of firm heading broccoli listed below are of our own selection and development. They are widely grown in California for shipment and local use. As a result of our breeding work, all of the varieties can be planted on the same date in July or August and a continuous supply of fine white heads will be available from November until May, the varieties maturing in succession.

Planting dates refer to culture under climatic conditions such as prevail in California.

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
December	BROCEM	\$12.00	\$10.00
	The earliest strain; sown in July, transplanted in August, fine large white heads produced in November and December; usually does best from seeds planted direct in field in July.		
January	BROJAN	12.00	10.00
	Vigorous, stocky, compact plants; produce fine white, well protected heads during January and early February.		
February	BROFEB	12.00	10.00
	Plant compact, bluish-green; produces very solid, long standing, white heads of the finest quality during February.		
March Early	BROEAR	12.00	10.00
	Newly developed strain of outstanding quality for harvest during the first half of March. Plants short stemmed and compact with dark green, wavy leaves. Heads large, well protected, very white, and of finest quality.		
March Late	BROMAR	12.00	10.00
	Produces fine white, well protected heads the latter part of March. Similar to St. Valentine (Early March) but about 2 weeks later.		
April	BRORIL	12.00	10.00
	Produces large, firm white heads in April, having been sown about August 1, and transplanted in September.		
California Wonder	BROFOR	12.00	10.00
	Preferred for maturing in January. Plants large with long leaves that protect the head which is large, solid and fairly white but coarser than Early Snowball Cauliflower.		
Early White French	BROFREN	2.25	2.00
	Plants very hardy, vigorous, and easily grown. Heads white, compact, hard, and of good quality.		
Late Pearl	BROLAT	10.00	8.00
	Plants short stemmed, compact, with much waved, medium green leaves; head very white and well protected but not so firm as heads of February variety.		
St. Valentine	BROVAL	12.00	10.00
	Standard market variety for March shipment. Plants large with dark green, waved leaves; heads large, solid, white and very well protected.		

BROCCOLI—SPROUTING

Italian Green	BRITAL	2.25	2.00
	From plants set in the field early in May near Detroit, the central "head" can be cut late in June or early in July and sprouts from the side branches can be had until freezing weather. The best sprouting broccoli for home garden, market garden and shipping. Plant erect, open, branched; forms a central, fairly compact large cluster of flower buds which are deep green but otherwise resemble a loose head of cauliflower, and forms smaller but similar clusters on the side branches; one of the most delicious and healthful of vegetables.		

BRUSSELS SPROUTS

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Long Island Improved	BYRON	\$1.00	\$0.90

Plant dwarf and compact; 20 in. tall; very uniform; stem well covered with firm, round cabbage-like balls of $1\frac{1}{4}$ — $1\frac{1}{2}$ in. diameter which mature in succession.



A 1932 Field of Ferry's Hollander Cabbage at Oakview, Near Detroit

CABBAGE

Serious attention is given the matter of earliness in our cabbage seed breeding. Two complete trials are made of our cabbage stocks at the Oakview Experimental Gardens each year. The first or spring trial, the young plants are set in the field early in May. In the second or late trial, the plants being set in the field early in July, 30 to 35 days are required from the time seed is sown until the plants are ready for the field. The early varieties in the spring trial are always fully ready for market early in July. For the sake of uniformity we have indicated the average number of days required to produce heads fully fit for market from the date the young plants are set in the field early in May. Very often the number of days required in the later trial, providing there is ample moisture, is less than in the early trial.

FIRST EARLY VARIETIES

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Charleston or Large Wakefield	CALHOUN	\$1.00	\$0.90
71 days. Desirable for home and market garden. Head broad heart-shaped, 8 in. long, 7 in. broad at base, firm, commonly 4—5 lbs. Fully a week later and heads larger and broader heart-shaped than Early Jersey Wakefield.			
COPENHAGEN MARKET	CALAHAN	1.75	1.50
66 days; distinctly and uniformly early. Splendid for early market and shipment; proving valuable as early kraut variety. Plant small, compact, allowing very close planting; stem short; heads uniformly round; firm; become 6—7 in. diameter; and weigh $3\frac{1}{2}$ —4 lbs. Interior clear white and of excellent quality			

FIRST EARLY VARIETIES (Cont.)

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Early Jersey Wakefield	CADDO	\$1.00	\$0.90
62 days. Extremely early variety very valuable for home and market garden as well as for shipment. Plants very small and compact, allowing very close planting; stem short. Heads conical, usually 7 in. long, 5 in. thick near base, firm and weigh 2-2½ lbs.			
GOLDEN ACRE	CAGLE	2.50	2.25
62-64 days. The earliest round headed cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short; heads uniformly round; firm, commonly 6 in. in diameter and weigh 3 lbs. This is similar to Copenhagen Market but is several days earlier and the heads are smaller. It is practically as early as Early Jersey Wakefield.			

SECOND EARLY AND INTERMEDIATE VARIETIES

All Head Early	CAMP	1.25	1.00
77 days. Particularly valuable for kraut; good winter keeper. Heads flat but deep; 8-9 in. broad, 6½-7 in. deep, weigh 6-7 lbs.; firm and of fine quality.			
All Seasons	CARBON	1.00	.90
90 days. Splendid general purpose cabbage; good winter keeper; widely used for kraut; remarkably thrifty in hot dry weather. Heads large; commonly 10-11 in. across, 8 in. deep and weigh 9-10 lbs.; of splendid quality.			
Early Dwarf Flat Dutch	CAMDEN	1.00	.90
71 days. Splendid for home and market garden. Plants small and compact; stem short. Heads almost ball-shaped; commonly 7-8 in. diameter, 6 in. deep and weigh 4½-5 lbs.; firm and of high quality.			
Early Winnigstadt	CANNON	1.25	1.00
77 days. Very hardy and dependable; particularly valuable for shipping as well as for home and market garden. Heads extremely firm; heart-shaped; become 8-10 in. long and 6-7 in. thick near base, and weigh 5 lbs.; of splendid quality.			
Glory of Enkhuizen	CAMBRIA	1.25	1.10
73-80 days. Particularly valuable for kraut; also popular for home and market garden. Heads very large; globular; 8-9 in. diameter; firm; commonly weigh 6-8 lbs.; stem medium short.			
Marion Market	CAMAR	2.00	1.75
75-80 days. Yellows resistant strain of Copenhagen Market. Larger and coarser in plant, and not so early nor so uniform as the original strain, but with the round head and crisp tenderness of the parent cabbage. Will produce a normal crop on yellows infected soil where non-resistant strains fail completely.			
MIDSEASON MARKET	CARGIL	1.50	1.25
73 days. Unsurpassed in quality; recommended particularly for the home and market garden and for kraut manufacture. Heads large, globular, 8-9 in. in diameter and weight about 7 lbs.; stem short. Similar to Glory of Enkhuizen.			
Stein's Early Flat Dutch	CARLISLE	1.00	.90
95 days. Heads large and flat, but deep, firm, and keep well. Similar to Premium Late Flat Dutch, but earlier, and heads average a little smaller.			
Succession	CARTER	1.00	.90
84 days. Very dependable for late summer and fall use; good keeper. Plants large but compact; stem short. Heads large and flat but deep; 10-11 in. across, 7-8 in. deep and weigh 8-9 lbs.			
Wisconsin All Seasons (Yellows Resistant)	CARDAL	1.50	1.25
90-95 days. Very valuable as a substitute for the regular All Seasons in localities infested with the destructive disease known as "cabbage yellows." Chiefly used for kraut manufacture; also valuable for winter keeping. Heads large; commonly 10-12 in. across, 8 in. deep and weigh 9-10 lbs. Similar to but a trifle coarser and more variable in form of head than standard All Seasons.			

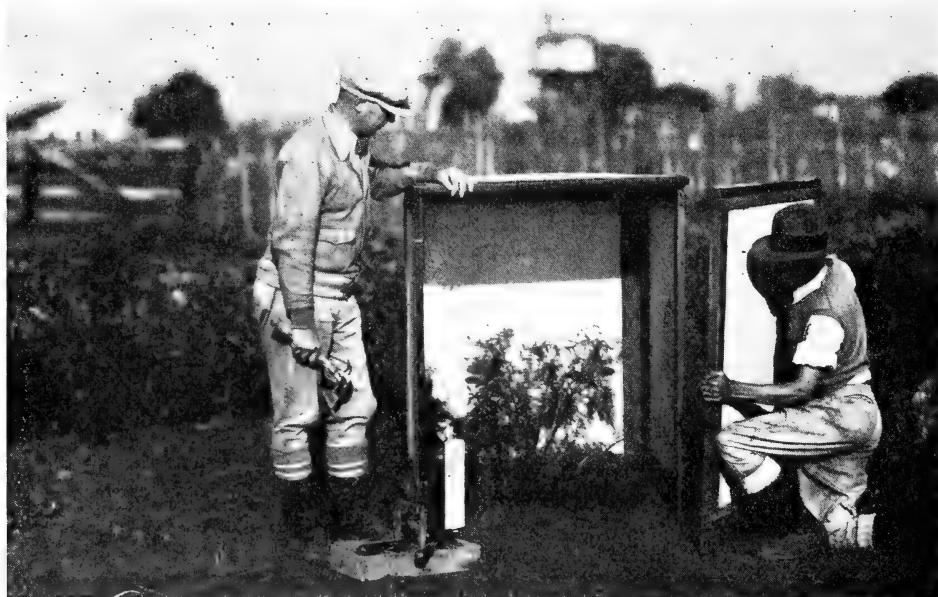
LATE OR AUTUMN AND WINTER VARIETIES

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Danish Ball Head	CAMEL	\$2.00	\$1.75
In season with Ferry's Hollander. With the exception of Ferry's Hollander, Danish Ball Head is the best late cabbage offered to the trade. The plants are medium sized with short stem. Heads large; flattened globe shape; become 8-9 in. across, 6-7 in. deep and weigh 7-9 lbs. Very firm and solid, of excellent quality and keep perfectly in storage until late spring.			
FERRY'S HOLLANDER	CHATHAM	4.00	3.50
Decidedly the best variety of late cabbage. Heads become firm while still rather small, reach good marketable size 90-100 days after setting plants in the field, but continue to enlarge, becoming mature in about 120 days. Plants medium small, allowing closer planting than any other late cabbage; short stemmed; erect and compact; extremely hardy. Heads spherical; 6½-7 in. in diameter and weigh 6-7 lbs.; remarkably firm and solid, of splendid quality and keep perfectly in storage until late spring.			
Ferry's Premium Late Flat Dutch	CATOSA	1.10	1.00
105 days. The best very large, late cabbage; popular for home and market garden and for fall shipment; a good keeper. Heads very large and flat, but deep; become 12-14 in. across, 7 in. deep and weigh 12 to 14 lbs. or more; firm and of good quality.			
San Francisco Market	CHAPEL	3.50	3.00
Late, coarse leaved variety which forms a large hard head. It remains a remarkably long time in the field without bursting and thus provides marketable heads over a long period.			
Volga	CASCAD	1.25	1.00
85 days. Hardy, heavily productive main crop variety for home and market garden. Heads flattened globe-shaped; 9-11 in. across, almost as deep; weigh about 10 lbs.; stem short.			
Wisconsin No. 8 (Yellows Resistant)	CHARTON	1.75	1.50
Splendid late cabbage for storage, shipment and kraut manufacture. Strain developed out of Ferry's Hollander at the University of Wisconsin; heavy yielder on land infested so badly with the yellows disease that other varieties fail completely. Plants large and very hardy. The heads are large, globular to flattened globe shape, very firm, weigh 7-9 lbs., of excellent quality and keep well until spring.			
Mammoth Rock Red	CHEMUN	1.75	1.50
90 days. The best red cabbage; splendid winter keeper. Heads round to slightly flattened globe shape; commonly 7 in. in diameter and weigh about 7 lbs.; very hard; deep purplish-red.			
ROUND RED DUTCH	CHARRED	1.75	1.50
(Early) 80 days. Recommended for shipping. Heads round, solid, about 6 inches in diameter, and weigh 3 to 5 lbs. Deep red.			
Savoy, Improved American	CHERRY	1.50	1.25
85 days. The best of the Savoy group for home use and market. Leaves blistered; stem short. Heads flattened globe shape; medium large, firm. Outside leaves yellowish-green; interior leaves crumpled, attractive light yellow-green; of distinctive flavor.			

CHINESE CABBAGE

Seeds sown out of doors late in July at our Oakview Experimental Gardens near Detroit produce firm mature heads in October. The heads keep well in storage for at least two months.

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
CHIHLI	CHIHLI	\$1.25	\$1.00
Early and very sure heading. Head becomes 18-20 in. tall, 3½-4 in. thick, tapered near tip, very firm, well blanched, crisp, tender, and sweet. Superior to Chinese Improved or Pe Tsai.			
Wong Bok	CABBOCK	1.50	1.00
Heads 8-10 in. tall; broad; firm. Well blanched, tender and of excellent quality.			



Isolating a Carrot Plant in a Canvas Cage to Keep It from Being Pollenized by Other Strains of Carrot

CARROT

We have indicated the number of days usually required to produce roots of good bunching size.

	Code Word	1 lb. or more per lb.	50 lbs. or more per lb.
Bagley	CLOD	\$0.90	\$0.80
Similar to Hutchinson, but averages shorter and is not so much inclined to show green shoulders.			
Chantenay	CLABID	.90	.80
70 days. Splendid general purpose carrot; much used in home and market garden and for shipping bunched. Extensively grown for winter storage. Dependably heavy yielder. Roots deep reddish-orange; become 5½—6 in. long, 2¼ in. thick at top; tapered; stump-rooted; flesh deep orange.			
DANVERS, Half Long	CLABOLT	1.00	.90
75 days. Very productive and popular for home and market garden; much used for shipping. Roots bright deep orange, 6—7 in. long, 1½ in. thick, uniformly tapered to the blunt end. Flesh bright orange, crisp, and tender.			
Early Scarlet Horn	CHAMBER	.80	.70
63 days. Popular for early market. Tops small. Roots reddish-orange; 3 in. long, 1½ in. at the shoulder and tapered to about 1 in. thick at the blunt end; flesh reddish-orange, fine grained, sweet, and tender.			
French Forcing (Earliest Short Horn)	CLABBUG	.90	.80
60 days. Valuable for forcing and for out of door culture for early market. Tops small. Roots reddish-orange; small, globular, become 1½ in. in diameter; flesh reddish-orange, of high quality.			
Hutchinson	CLAPPING	.90	.80
Popular in some New England markets and also used for shipping. Roots about 10 inches long, 1½ inches thick, and cylindrical. Shoulder inclined to be greenish as roots grow slightly out of the ground. Color light orange-red.			
Imperator	CLACK	1.00	.90
Roots 8 to 10 inches long, and 1¾ to 2¼ inches across at shoulder. Cylindrical in shape and usually well stump rooted. Color deep orange.			

	Code Word	1 lb. or more per lb.	50 lbs. or more per lb.
Improved Long Orange	CLEAV	\$0.75	\$0.65
85 days. A heavy cropper on light soils; much grown for stock. Roots scarlet-orange; 10—12 in. long, 2 in. thick at the top; tapered, pointed.			
Nantes, Stump-Rooted	CANON	1.00	.90
68 days. Particularly desirable for frame culture and one of the best for home garden and early market. Tops small. Roots bright orange; 6—7 in. long, 1 1/4 in. thick; cylindrical; stump-rooted. Flesh bright orange, of highest quality; core inconspicuous. Similar to much that is offered under the term "coreless."			
Ox-heart or Guerande	CLAN	.90	.80
75 days to produce roots of good table size. Especially desirable for field culture on heavy soil; good keeper and much used for stock feed. Roots scarlet-orange; broad, blunt, heart-shaped; become 4 1/2—5 in. long; easily harvested.			
RED CORED CHANTENAY (Our Novelty).....	CLABER	.90	.80
70 days. This is a distinct improvement over the well known Chantenay especially in color, texture, and quality of flesh and has been accepted with much enthusiasm particularly by shippers of fresh vegetables and by canners. Roots deep reddish-orange; 5 1/2—6 in. long, 2 1/4 in. thick at the shoulder, tapered, stump-rooted; core reddish-orange, almost the same color as the flesh and so inconspicuous as to make the term coreless seem appropriate; flesh fine grained and tender; of sweet, delicate flavor.			
Short White	CLEMENT	.50	.45
Late; heavy cropper; one of the best for stock. Roots 7—8 in. long, 3 in. thick at the top; tapered; pointed; easily harvested.			
White Belgian in Ground	CLEW	.50	.45
Late; heavily productive; grown for stock. Roots 8—10 in. long, 3—4 in. thick at the top; tapered; pointed.			

CAULIFLOWER

We have indicated the number of days commonly required to produce heads, from the date the young plants are set in the field. Usually it is 30 to 35 days from the time seed is sown until the young plants are ready for the open field.

	Code Word	1 oz. or more per oz.	1 lb. or more per lb.	5 lbs. or more per lb.
Danish Giant, Dry Weather	COHOMA	\$1.25	\$14.00	\$12.00
65 days. Dependable variety to plant at the same time as Early Snowball, the crop being ready when Snowball has been harvested; one of the most dependable in adverse, dry weather. Plants dwarf, short stemmed; larger than Early Snowball. Heads large; 6—7 in. across commonly weigh 2 lbs.; white with tinge of cream; of splendid quality.				
EARLY SNOWBALL	CLERMONT	1.00	12.00	10.00
52 days. The best for greenhouse forcing, early market and shipping. Plants very dwarf. Heads snow white; deep, smooth, compact; about 6 in. across and weigh 1 1/2—2 lbs.; the standard of excellence in cauliflower.				
Extra Early Dwarf Erfurt	CLINTON	1.00	11.50	9.50
57 days. Standard very early variety for home, market garden and shipping. Plants dwarf, short stemmed. Heads snow white; roundish, compact, commonly weigh about 2 lbs.; similar to Early Snowball, but usually a little later than our strain of that variety.				



Lifting and Noting Celery Trial at Our California Seed Breeding Station

CELERY

	Code Word	1 lb. or more per lb.	10 lbs. or more per lb.
Columbia	COLLETON	\$1.50	\$1.00
Matures soon after Dwarf Golden Yellow Self Blanching. Plants medium height, but stocky and heavy. Stalks thick, almost round. Excellent quality and flavor.			
Easy Blanching	COBRA	1.50	1.00
Splendid early variety for home and market garden. Makes vigorous, erect, compact growth; blanches very readily; stalks thick, solid, of a rich, nutty flavor; a good keeper.			
Emperor	COMPACT	1.50	1.00
Plants stocky and compact. Stems thick, round, and of fine quality. Excellent for late fall use and for winter storage.			
FLORIDA GOLDEN (Our 1932 introduction).....	COFLA	7.00	6.00
A superior, very uniform, early variety developed by us from Golden Plume; particularly valuable for early spring and late fall celery in Florida and for early fall celery in northern sections. Plants 22—25 inches tall, compact, full hearted, pack readily in crates; edible stalks 8—10 inches long, blanch readily; thick, crisp, and of splendid flavor.			
Giant Pascal	COHORT	1.50	1.00
Matures late. Desirable for home and market garden. Plant large and compact. Leaf stalks long, thick, and solid; of unsurpassed rich, nutty flavor.			
GOLDEN DETROIT (Our 1932 introduction).....	CODET	7.00	6.00
The standard of excellence in the self blanching class. Medium late and particularly valuable for shipping. A very uniform (pure line) selection of Dwarf Golden Self Blanching developed by us. Plant heavy, compact, full hearted; commonly 22 inches tall; edible stalks 6½—8 inches long.			
Golden Phenomenal, for early planting	COIFFUR	6.00	5.00
Very desirable for shipping. Plants early ready for use; full hearted; compact; with long, edible stalks that are thick, solid, blanch readily and are of rich, nutty flavor. Similar to Golden Plume or Wonderful, but has longer edible stalks.			

	Code Word	1 lb. or more per lb.	10 lbs. or more per lb.
GOLDEN YELLOW SELF BLANCHING DWARF	COINER	\$2.50	\$2.00
Standard market and shipping sort. Plants medium sized, stocky; 20—24 in. tall; leaf stalks thick, solid, blanch readily and of sweet nutty flavor.			
Golden Yellow Self Blanching Tall	COKE	2.75	2.25
Early and particularly desirable for home and market garden, though not so desirable for shipping as the dwarf type of Golden Yellow Self Blanching. Plants fairly tall and compact with firm, thick stalks which blanch readily and are of splendid quality.			
Golden Plume or Wonderful	COGAN	2.75	2.25
Early and very desirable for home and market garden. Plants medium sized; stocky, full hearted and compact; with thick solid stalks which blanch readily and are of the finest table quality.			
Utah or Golden Crisp	COBRENT	3.00	2.50
An excellent variety for fall use, maturing about a week or ten days earlier than Giant Pascal. Plants sturdy, compact, and exceptionally solid. Stems are broad, but thick and well rounded. Of fine quality and rich nutty flavor.			
White Plume	COMPO	1.75	1.25
Valuable for early market. Foliage green tinted white; stalks and foliage blanch very readily to snowy-white.			
Winter Queen	COMPANY	1.50	1.00
The best late or winter variety. Moderately dwarf, erect and compact with solid heart.			
Soup or Cutting	COOPER	.75	.70
Not suitable for blanching; tops grow rapidly and furnish succession of cuttings throughout the season.			
Celery Seed (for flavoring)	COOSA	.30	.25
Celeriac, Large Smooth Prague	CONCH	1.50	1.00
Turnip-rooted celery. Roots 3—4 in. in diameter; globular; fairly smooth; stalks hollow, dark green.			

CHERVIL

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Curled	COSTIL	\$1.00	\$0.75
Similar to parsley, but of more delicate texture. Leaves bright rich green; finely divided and curled; pungent; aromatic; used for garnishing and flavoring.			

CHICORY

	Code Word	1 lb. or more per lb.	10 lbs. or more per lb.
Large Rooted or Coffee	COWET	\$1.00	\$0.75
Roots mature in 4—5 months. Dried roots used as substitute for and adulterant of coffee. Roots 12—14 in. long, 2½ in. thick at top; tapered.			
Small Rooted or Radicetta	COWPEN	1.25	1.10
Fast growing annual; grown for tops which are used for greens; tender flower shoots also used.			
Witloof or French Endive	COWLEY	1.00	.75
One of the best and most attractive of salad vegetables; grown largely by market gardeners and shippers. Each carefully trimmed root when buried upright in damp sand and given the proper conditions produces a handsome compact cluster 4—5 in. long of blanched leaves which are tender and have a rich, mildly acrid flavor.			

CHIVES

	Code Word	1 oz.	1 lb.
Allium Schoenoprasum	COWLITZ	\$0.50	\$4.00
Small perennial of the onion family; readily propagated from seeds; leaves used in salads and for flavoring soups and stews; flowering plant is decorative.			

COLLARDS

	Code Word	1 lb. or more per lb.	10 lbs. or more per lb.	100 lbs. or more per lb.
Georgia, Southern or Creole	COLLARD	\$0.35	\$0.30	\$0.20
Non-heading form of the cabbage family very generally grown for greens in home and market gardens in the South. Plant 2—3 feet tall, erect, spreading, and with numerous large leaves; forms at the top a loose cluster or head of tender leaves.				

CORN

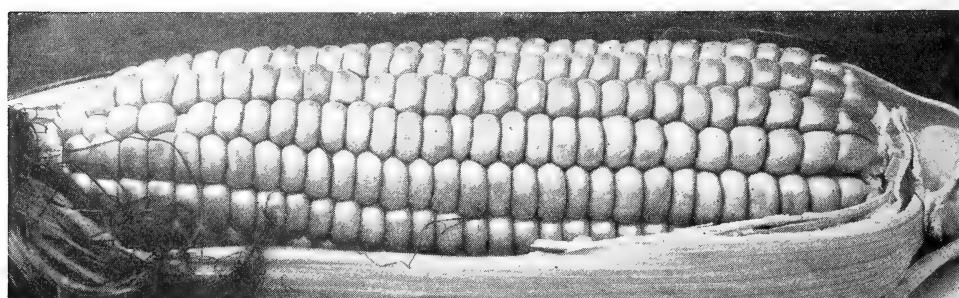
(Shelled)

The very important character of earliness is given the attention it merits at our seed breeding stations and trial gardens. The number of days required for each variety of corn to produce ears fit for table is indicated below. This information is the result of many years observation of these varieties at our Oakview Experimental Gardens near Detroit, where corn is planted early in May. Under very favorable circumstances Alpha, which is the standard of earliness, produces table ears in 71 days. We put on trial all promising novelties and, regardless of claims made, we have found nothing earlier than Alpha. Rather than use the minimum days required we have used the average of many seasons for each variety. We have described the ears at table stage.

SWEET OR TABLE VARIETIES

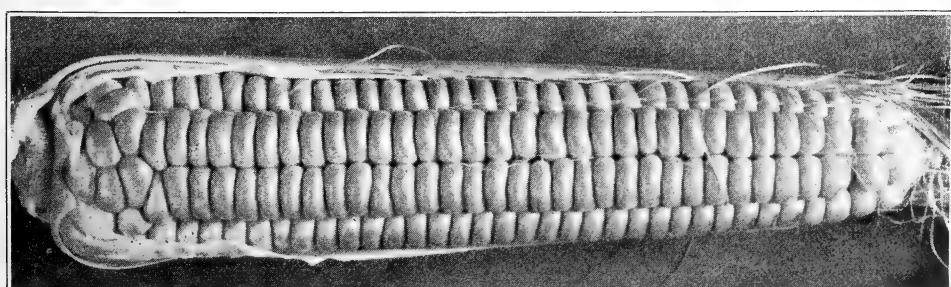
Code Word

		10 lbs. or more per lb.	100 lbs. or more per lb.	500 lbs. or more per lb.
Alameda Sweet	COMEDA	\$0.16	\$0.14	\$0.12
95 days. The standard market variety used in California and the most reliable for climatic conditions there; developed by selection by the market gardeners in Alameda County, California, from Early Mammoth, but has been bred up and improved by us. Plants short and stocky with large dark green leaves; ears 10 to 14 rowed, snowy white, of excellent quality and covered with a strong husk.				
ALPHA	RAVEN	.14	.12	.10
76 days. The earliest sweet corn; a money-maker for early market. Plants 4 feet tall. Ears attractive; 6—7 in. long; 8 rowed; very uniform. Kernels white, plump, sweet, and tender.				
Bantam Evergreen (Golden)	COGOLD	.14	.12	.09
95 days. Thrifty, productive, valuable for canning and market. Stalks 6—7 feet tall. Ears large, $7\frac{1}{2}$ to 8 inches long with 14—18 rows of compact kernels that are rich golden cream in color, of good flavor, and have the "evergreen" quality of remaining in table condition for a long time.				
Black Mexican	DARK	.14	.12	.09
93 days. Home garden variety of splendid quality. Plants 6 $\frac{1}{2}$ feet tall. Ears 8—9 in. long; 8 rowed; very uniform. Kernels clear white at table stage; tender and of a rich sweet flavor; become uniform blue-black when ripe.				
Carmel Golden	CARMEL	.17	.15	.13
90 days, about 1 week later than Golden Bantam. Plants 6—7 feet tall, thrifty. Ears handsome; 8 in. long, with 12 to 14 regular rows. Kernels golden yellow, sweet and tender. Similar to Charlevoix, but coarser.				



Gold Standard (Charlevoix)

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	500 lbs. or more per lb.
Country Gentleman	DAVIS	\$0.14	\$0.12	\$0.09
110 days. Heavy yielding variety with Evergreen character. Valuable for home, market garden and especially for canning. Plants 6½—7 ft. tall, commonly with 2 or more ears. Ears 7½—9 in. long, 2 in. thick; set solid with irregular rows of kernels. These are white; shoe-peg form, very deep; sweet and tender.				
Early Minnesota	CURRY	.14	.12	.10
90 days. Very dependable productive variety for home and market garden. Plants 6 ft. tall, often with 2 ears. Ears 7—8 in. long; 8 rowed; uniform. Kernels white, fairly tender and sweet.				
Early Sweet or Sugar	DAKOTA	.12	.10	.08
93 days. Dependable highly productive sort for home and market garden. Plants 6 ft. tall. Ears slender; 9—9½ in. long; 8 rowed; very uniform. Kernels white, sweet and tender.				
Ferry's Early Evergreen	DAVIDSON	.12	.10	.08
98 days. Very valuable canning and market sort about 1 week earlier than Stowell's Evergreen from which it was developed. Plants 6½—7 ft. tall. Ears about 7½ in. long, 2½ in. thick with 14—20 rows of very deep, white, sweet, tender kernels that remain fresh and tender remarkably long.				
GOLDEN BANTAM	CULP	.12	.10	.08
83 days. The best strain of Golden Bantam offered to the trade; surpassed in quality only by our own Charlevoix. As early as Sunshine and of incomparably better quality. Plants dwarf; 4½—5 ft. tall; very productive, commonly bearing 2 ears. Ears 6—7 in. long; strictly 8 rowed; very uniform. Kernels rich golden yellow. very tender, sweet and of splendid rich flavor.				
GOLD STANDARD (Charlevoix)	CUMING	.14	.12	.09
86—88 days. The standard of excellence in sweet corn; equally valuable for home garden, market garden and canning. Plants 5½—6 ft. tall, commonly bear 2 ears. Ears handsome, 6½—7 in. long; 12 rowed. Kernels light golden yellow, tender and of highest quality.				
Golden Sunshine	GOSUN	.14	.12	.10
80 days. Comparatively new early sweet corn of merit for the home and market garden. Plants 5½—6 feet tall. Ears commonly 6½—7½ inches long and 10—12 rowed; of good quality.				
Howling Mob	COMOB	.14	.12	.09
85—88 days. Vigorous, heavily productive sort particularly valuable for market gardeners and truckers. Plants 4½—5 feet tall. Ears 7—7½ inches long, 12 rowed. Kernels milky white and of good sweet flavor.				



Corn, Golden Bantam

SWEET OR TABLE VARIETIES (Cont.)

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	500 lbs. or more per lb.
Mammoth White Cory	CRAWL	\$0.14	\$0.12	\$0.09
79 days. Valuable early home and market garden sort. Plants 4 ft. tall, commonly bear 2 ears. Ears 6-7 in. long; uniformly 12 rowed. Kernels white, sweet and tender.				
Narrow Grain Evergreen	CONAR	.12	.10	.08
95-100 days. Very important canning variety with deep kernels intermediate in size between those of Stowell's Evergreen and Country Gentleman. Plants large. Ears 7½-8 inches long with 16-24 compact rows of very deep white kernels.				
Oregon Evergreen	CORGON	.16	.14	.12
95 days. Earlier than Stowell's and, like it, is very fine and sweet. It is very popular in Southern California for producing corn through the winter. It is a good canning variety and also a good late corn in the North. Ears medium to large, 12 to 18 rowed; kernels pure white; husks firm and strong, protecting the ear in a large measure from the corn ear worm and allowing long distance shipping. It will remain in good edible condition longer than any other variety.				
Stowell's Evergreen	DAWES	.12	.10	.08
105 days. Standard late variety very valuable for canning and much grown for market. Plants 7-7½ ft. tall. Ears 8 in. long; 2¼-2½ in. thick; 14-20 rowed. Kernels very deep, white, sweet and tender and remain in table condition a long time.				
WHIPPLE'S EARLY YELLOW	CORWHIP	.14	.12	.09
85 days. An excellent early yellow corn of good size and fine quality. Plants 5½ to 6½ feet tall. Ears 7 to 8 inches long, 14 rowed with broad deep kernels.				

FIELD VARIETIES

Extra Early Adams	DECATUR	.10	.09	.07
78 days to table condition. Hardy; much used for table in the South. Plants 4 ft. tall. Ears 4½-5 in. long; 1¾ in. thick; 12-14 rowed. Kernels white, sweet and fairly tender at table stage, but become smooth and hard when ripe.				
Early Adams or Burlington	DEKAB	.09	.08	.06½
90 days to table condition. Hardy; much used for table in the South. Plants 6-7 ft. tall. Early 7-8 in. long; 2 in. thick; 12-14 rowed. Kernels white, fairly sweet and tender; become smooth and hard when ripe.				
Early Golden Dent or Pride of the North	DELAK	.09	.08	.06
Plants 7 ft. tall. Dry ears 7 in. long; 1¾ in. thick; 12-16 rowed. Kernels yellow; hard; dented; of high feeding quality and excellent for meal.				
Hickory King	HICK	.09	.08	.06½
Distinct white variety with very large kernels and small cob.				

POP CORN (Shelled)

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.
Black Beauty	DESHA	\$0.10	\$0.09
The earliest pop corn. Plants 5½ ft. tall. Ripe ears 7 in. long; 1½ in. thick; 12 rowed; uniform. Kernels purplish-black; 270 per oz.; smooth; almost square. Kernels very large and white when popped.			
Golden Hulless	DEXTER	.10	.09
Plant 4½—5 ft. tall. Ripe ears 3½—4 in. long; 1½ in. thick; blocky. Kernels rich golden yellow; 400 per oz.; pointed. Kernels large and white with a tinge of cream when popped.			
Japanese Hulless	DEWAR	.10	.09
Plants 5 ft. tall. Dry ears 3½—4 in. long; 1½ in. thick; blocky. Kernels translucent waxy white; 325 per oz.; pointed. Kernels large and snow white when popped. Also known as Australian Hulless and as Tom Thumb.			
White Rice	DEUL	.09	.08
Early. Plants 6—7 ft. tall. Dry ears 6 in. long; 1½ in. thick. Kernels translucent waxy white; 325 per oz.; pointed. Kernels large and snow white when popped.			



Corn Salad

CORN SALAD or FETTICUS

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Large Seeded, Large Leaved	COPER	\$0.75	\$0.65

Thrifty, large growing sort with thick leaves of mild flavor. Sometimes called Lamb's Lettuce.

CRESS

Curled or Pepper Grass	CRANE	.45	.40
Very hardy, fast growing annual which produces in a few weeks a good supply of attractive, finely curled dark green foliage which is splendid for garnishing and of a pleasant pungent flavor. The plant is decorative.			
True Water	CRASH	2.25	2.00
Hardy perennial water plant, the sprightly flavored leaves of which are prized for salads as well as for garnishing.			

CUCUMBER

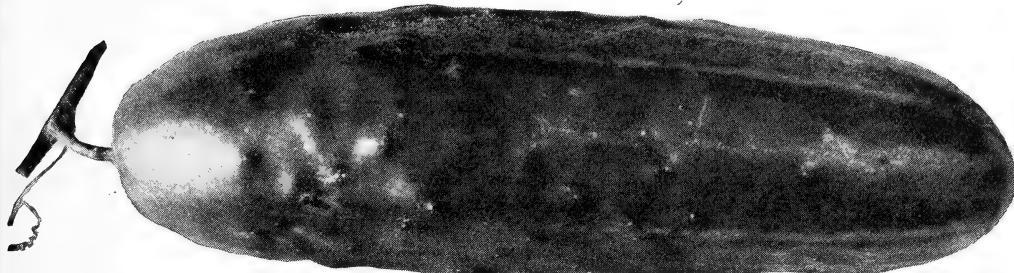
For the sake of uniformity in comparing earliness of varieties we have stated the approximate number of days required under ordinary circumstances to produce fruits of maximum slicing size from seed planted out of doors early in June at our Oakview Experimental Gardens near Detroit. The descriptions are of full sized slicers.

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Boston Pickling	CREEP	\$0.55	\$0.50
60 days. Splendid pickling and slicing sort. Fruits medium dark green; black spined; 6—7 in. long; 2½ in. thick; symmetrical; only slightly tapered.			
CHICAGO PICKLING (Westerfield)	CREMON	.55	.50
60 days. Valuable pickling and slicing variety. Fruits deep medium green; black spined; 6—7 in. long; 2½—2¾ in. thick; taper very slightly toward each end; uniform.			
Davis Perfect	CAVPER	.65	.60
68 days. Splendid dark green slicing variety particularly valuable for shipping. Fruits very dark green; retain color long after picking; white spined; 9—11 in. long; 2½ in. thick; somewhat tapered at both ends; very few seeds.			
Early Cluster	CREST	.55	.50
56 days. Very fine pickling sort; very popular for early slicers. Fruits medium dark green; black spined; 5½ in. long; 2¾ in. thick; cylindrical and full at both ends.			
EARLY FORTUNE	CUFORT	.60	.55
66 days. One of the most desirable slicing sorts; extensively grown for shipping. Fruits very dark green, color retained a long time after harvest; white spined; 8—9 in. long; 2½ in. thick; only slightly tapered; very uniform.			
Early Short Green or Early Frame	CRETAC	.55	.50
56 days. Splendid for pickling and for slicing, very popular for home gardens. Fruits bright medium green; black spined; 6—7 in. long; 2½ in. thick; uniform; blunt.			
Early White Spine	CRISP	.55	.50
60 days. The most popular white spined cucumber for the home garden; extensively grown for shipping. Fruits medium dark green; remain in good condition remarkably long; 7 in. long; 2½ in. thick; slightly tapered; blunt.			



A Cucumber Field at Oakview, Near Detroit. Selecting Longfellow That are True to Type

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Evergreen White Spine	CRIMPLE	\$0.65	\$0.60
66 days. Splendid for home garden, market garden and shipping. Fruits very dark glossy green; 8—10 in. long; 2½ in. thick; cylindrical; blunt; very uniform.			
IMPROVED LONG GREEN	CROUCH	1.00	.90
72 days. The most popular and one of the best for the home garden; particularly desirable for slicing. Fruits rich dark green; black spined; 12 in. long; 2¼—2¾ in. thick; straight; cylindrical; with few seeds.			
Jersey Pickling	CREOLE	.55	.50
64 days. Splendid pickling variety. Fruits deep medium green, black spined; 8—9 in. long, 2½ in. thick; uniformly slightly tapered toward both ends.			
Klondike	CRION	.65	.60
64 days. Very desirable for shipping. Fruits handsome; very dark green; white spined; 7—8 in. long, 2½ in. thick; cylindrical.			



Cucumber, Klondike

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Lemon	COILTON	1.00	.90
65 days. Of superior quality for slicing and general salad use; fine for pickles. Fruits deep lemon yellow; black spined; become 3—3½ in. long and almost as thick; blunt.			
Longfellow	CRITIC	1.00	.90
72 days. Particularly valuable for shipping. Fruits handsome; extremely dark green over entire surface, retain the color remarkably long after picking; white spined; 12—14 in. long; 2½—2¾ in. thick; straight, well filled at ends; very few seeds			
National Pickling	CUNAT	.60	.55
50 days. Particularly uniform and valuable black-spined variety, for production of high grade small pickles. Fruits straight, symmetrical, full at the ends; commonly become about 6 inches long when mature.			
SNOW'S PICKLING	CROPIC	.55	.50
52 days. Extremely early and prolific. Best and most popular variety for small pickles. Fruits dark green at pickling size; black spined; become 5 in. long; 2¼—2½ in. thick; symmetrical; blunt ended.			
Stays Green	CRISIS	.65	.60
60 days. Splendid for shipping. Fruits rich dark green and retain the color long after picking; white spined; 7—8 in. long; 2½—2¾ in. thick; only slightly tapered; full at both ends.			
Small Gherkin	CRIMINS	.90	.70
Of superior quality for pickles. This is the true West India gherkin which is a species distinct from the true cucumber. Very prolific; fruits for pickles are produced in about 60 days. Fruits pale green; prickly over entire surface; become 1½—2 in. long; oval; very uniform; seeds numerous and small.			

DANDELION

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Cultivated or French Common	DABBLE	\$1.25	\$1.00
Plants low growing, compact, attain a spread of 18 to 20 in.; leaves long and broad.			
Improved Thick Leaved	DAKIR	4.50	4.00
Very superior strain. Makes vigorous, very compact growth. Produces a spreading rosette of leaves 18 to 24 in. across; leaves very numerous, thick in texture, and blanch readily.			

EGG PLANT

Plants of the two standard varieties listed below, set in the field early in June at our Experimental Gardens near Detroit, always produce marketable fruits in August or early September.

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Black Beauty	EASE	\$3.50	\$3.25
Popular home and market sort. Plants thrifty, 24—30 in. tall, commonly bear 4 to 6 large fruits which are smooth, broad egg-shape; uniform, very rich dark purple and retain the color a long time.			
FLORIDA HIGH BUSH	EABUSH	3.25	3.00
Popular variety for shipping. Plants of strong upright growth producing fruit well above the ground. Fruit similar to Large New York Purple, but slightly larger, more slender, and not as uniformly dark in color.			
Large New York Purple	EARST	3.25	3.00
The standard home and market sort. Plants large, 30—36 in. tall; very productive, commonly bearing 4—6 or more large, handsome, dark purple, symmetrical, broad egg-shaped fruits.			



Endive, Full Heart Batavian

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Broad Leaved Batavian or Escarolle	EGOTIST	\$0.55	\$0.47
Grown in market gardens and for shipping. Plants large; leaves broad, thick, somewhat twisted; heart very compact and blanches readily.			
Full Heart Batavian	ENAMEL	.65	.57
Distinctly improved form of Broad Leaved Batavian or Escarolle. Plant medium large with very deep, full, compact well-blanced heart of infolded broad leaves that are of thick buttery texture and splendid quality.			
Green Curled, green ribbed	EMBLAZE	.55	.47
A variety with deeply cut leaf margins, but not curled as is Moss Curled. It is medium large in size and blanches well at the heart in late summer and fall. The mid-ribs or stems are pure green.			
Large Green Curled, pink ribbed	EMERGENT	.55	.47
A late, coarsely toothed variety of good size, which forms a good, blanched heart in the late fall. The mid-rib or leaf stem is tinged with rose.			

FENNEL

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Florence (Sweet Anise)	FARLER	\$1.00	\$0.75
Grown in home and market gardens. Plant 3½—4 ft. tall. Chiefly grown for the bulb-like structure formed by the enveloping thickened bases of the stalks of the lower leaves. This is aromatic and of a delicate sweet flavor. Sweet Fennel is quite different and forms no "bulbs." (See page 57.)			

GARLIC

	Code Word	1 lb. or more per lb.	Per 100 lbs.
Bulbs	GARLIC	\$0.25	

The bulbs are composed of numerous "cloves" or divisions inclosed in a common base by papery husks. These "cloves" are used in the manner of onion "sets" for propagation. Extensively grown in some sections for shipment, particularly to areas of large foreign-born population where the bulbs are used for flavoring and as an ingredient of many meat dishes.

HORSE RADISH

	Code Word	Per 100 roots
Small Roots, Maliner-Kren	HANCH	\$1.25

Never propagated from seeds. Very generally grown in home gardens and grown on a large scale in certain sections for the manufacture of relish. Maliner-Kren is an improved variety which produces thriftier, larger plants with larger roots than common horse-radish.

KALE or BORECOLE

Kale is a very hardy non-heading member of the cabbage family, very generally grown in the home and market gardens of the South for use as greens.

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Dwarf Blue Curled (Norfolk)	KABLUE	\$0.60	\$0.50

Similar to Dwarf Green Curled except its color which is distinctly blue-green. Very popular in the vicinity of Norfolk.

	Code Word	1 lb.	.50
Dwarf Green Curled	KAUN	.60	

Very hardy. Plants become 12-15 in. tall with 30 in. spread; compact. Leaves deep yellowish-green; large; finely curled and compact; plume-like.

	Code Word	.55	.45
Jersey or Thousand Headed	KAFIRL		

Immensely productive sort much grown for chicken feed and for stock. Plants tall, sometimes attain height of 6 ft. or more; much branched and tree-like and bear an abundance of thick smooth deep green leaves.

	Code Word	.60	.50
Siberian or Sprouts (Curled)	KEEL		

Plants very large, 12-15 in. tall with spread of 3 ft. or more. Leaves numerous, large, thick in texture; coarse plume-like with margin frilled and waved; deep green with bluish bloom.

	Code Word	.60	.50
Tall Green Curled Scotch	KADI		

Very hardy. Plants upright, 30 in. tall; with numerous large, deep yellowish-green, finely curled, compact plume-like leaves. Aside from habit, similar to Dwarf Green Curled.

KOHL RABI

Kohl Rabi is a member of the cabbage family grown for the swollen turnip-like structure or bulb which forms just above the ground line and below the first leaves.

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Early Purple Vienna	KIRK	\$1.25	\$1.00

60 days. Standard early sort. Plants small; leaves dark green with profuse purple staining. Bulbs flattened globe-shape, best for use when 2-2½ in. diameter, but become larger; exterior purple, but flesh white; mild, crisp and tender.

	Code Word	1.25	1.00
EARLY WHITE VIENNA (for forcing)	KEECH		

Produces bulbs of 2½ in. in diameter 55-60 days after seed is sown out of doors. The standard sort for forcing and for home and market garden use. Plants very small; leaves medium green. bulbs flattened globe shape; pale green; used when of 2-2½ in. diameter, but grow much larger; interior white, mild, crisp and tender.

LEEK

	Code Word	1 lb. or more per lb.	5 lbs. or more per lb.
Giant Musselburg	LACTIC	\$1.25	\$1.00
Early. Very large with long white stem and large medium green leaves. Not so hardy as Monstrous Carentan.			
Large Flag or American	LABEL	1.25	1.00
Early. A popular gardeners' variety, with long, thick, well blanched stem. Leaves a trifle lighter green than those of Monstrous Carentan. Similar to London or American Flag.			
Large Rouen	LASH	1.25	1.00
A very hardy variety with short thick well blanched stem and dark green leaves.			
MONSTROUS CARENTAN	LACHES	1.25	1.00
A very popular variety; very hardy. The pure white stem is a trifle longer but not so thick as Large Rouen. Dark green leaves.			
The Lyon	LADDIE	1.25	1.00
A very hardy variety with fairly long, thick, well blanched stem.			

LETTUCE

Our lettuce seed is the standard of excellence throughout America and Europe—in fact, wherever lettuce is grown. We are continuously carrying on extensive breeding operations to maintain this standard and to develop such strains as the lettuce growing industry requires. At present we are busily engaged with marked success in developing strains which are highly resistant to disease as well as uniform and desirable in type and quality.

In the following concise descriptions we have indicated the usual number of days required by the varieties to produce heads in northern sections of the United States from seed sown out of doors late in April or early in May. The number of days is not indicative of the time required under best conditions for growth in the lettuce growing sections of California and Arizona, but does indicate the comparative earliness of the varieties we list. **Symbols:** w. s.—White Seeded; b. s.—Black Seeded.

HEADING VARIETIES

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
All Seasons, b. s.	LADYSHIP		Sold Out
75 days. Valuable market as well as home garden variety, particularly popular on Long Island; does well in hot summer weather. Plant large with medium dark thick leaves and with large, round, firm, butter-head, which is deep yellow inside and of excellent quality.			
BIG BOSTON, w. s.	LANCHUP	\$0.70	\$0.65
76 days. Very popular in all parts of the world; known as Trocadero in Europe. Especially valuable for summer and fall use out of doors, and for hotbed and cold frame culture. It is a cabbage, butter-head type with glossy, plain edged leaves tinged brown on the margins; forms a firm, well folded head, buttery-yellow at the heart, and of excellent quality.			
Black Seeded Big Boston, b. s.	LAP	.80	.75
Similar to regular Big Boston, w. s., but has larger outer leaves, and the head is usually not so firm.			
Black Seeded Tennisball, b. s.	LOGMENT	.65	.60
70 days. Very dependable, medium green, butter-head variety; particularly popular with market gardeners because it forms fairly good heads when the weather is so warm that most varieties fail. Head globular, hard, and buttery; of sweet delicate flavor. The same as Salamander, a name equally popular.			
Brown Dutch, b. s.	LANKIN	.75	.70
76 days. Standard very hardy sort. Plant medium large; dark green overlaid with bronze-red; forms moderately firm buttery head, yellowish inside and of good quality.			



A Field of New York Lettuce Being Grown for Market

		Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
California Cream Butter, b. s.	LAPTON		\$0.65	\$0.60
75 days. Popular over the entire country, particularly with market gardeners; especially valuable for cool season culture. Plant large with thick, dark green leaves tinged with brown and spotted. Forms very large, globular head which is rich golden yellow inside, buttery, and of best quality.				
Crisp as Ice, b. s.	LAPLIN		1.10	1.00
76 days. Particularly valuable for home and market gardens; forms heads under rather adverse weather conditions. Plant medium small; deep green overlaid with dark brown; forms firm well blanched head of delicate buttery flavor and tender quality.				
CURLY CONTINUITY	LANDAN		2.00	1.90
Well folded, firm, crisp head with red shading on a clear green background. Leaves crisp and nicely frilled like those of New York or Los Angeles. Quality excellent; flavor sweet and nutty.				
Hanson, w. s.	LEGUM		.70	.65
82 days. One of the most popular home and market garden sorts; very hardy. Plant very large with broad, thick, frilled, light yellowish-green leaves; forms rather large, globular, very hard cabbage-like head which is white at the heart, crisp, sweet, and tender. It is best known under the name "Nonpareil" in Canada.				
Hubbard's Market, w. s.	LESIN		.60	.55
67 days. Desirable for home and market garden use and for cold frame culture; popular in Cuba and South America. Plant dark green with crumpled straight edged leaves; compact; forms medium sized, firm, globular head which is buttery, and sweet.				
Iceberg, w. s.	LESON		.70	.65
82 days. Very popular for near markets and home garden; tender head and thin leaves make it unsuitable for shipping. Plant large with broad, crisp, wavy light green leaves tinged brown on margins. Head very large, hard, crumpled; white inside; crisp, very sweet and of good quality, but not buttery. Must not be confused with the familiar shipping variety, New York, which is commonly called Iceberg by shippers and green grocers.				
Imperial No. 6, w. s.	LIQUID		1.00	.90
A selection of the resistant No. 2; is somewhat larger and the leaves are less notched or toothed on the edges. It forms good firm heads in cold or frosty weather in mid-winter. General description same as New York.				
Imperial No. 2—50	LEADER		1.00	.90
A selection of the resistant No. 2. Resistant to brown blight. It is a refined and even strain and is recommended for maturity in Imperial Valley, California, during January and February and for Central California in the fall. General description same as New York.				

LETTUCE—HEADING VARIETIES (Cont.)

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Mammoth Black Seeded Butter	LABURN	\$0.65	\$0.60
72 days. Reliable butter-heading sort much esteemed for home and market gardens; especially desirable for summer culture. Plant large, medium green; head large, firm; interior well blanched to light golden yellow; of excellent quality with delicate buttery flavor. Similar to Black Seeded Tennisball and Salamander, but larger.			
May King, w. s.	LASIE	.65	.60
61 days. The earliest heading lettuce; standard for greenhouse forcing and does splendidly out of doors in early spring. Plants small, allowing very close planting, light green tinged slightly with brown; head medium small, round, firm; interior rich golden yellow, buttery, of splendid quality.			
Mignonette, b. s.	LACTES	1.10	1.00
66 days. Splendid for the home garden; the most popular lettuce in Hawaii, Guam and the Philippines. Plant medium small; compact; medium brown with dark greenish tinge; leaves frilled; head globular; firm; heart well blanched, almost white; of excellent quality.			
NEW YORK SPECIAL, w. s.	LIMBO	1.00	.90
The most largely used lettuce in the world; grown in immense quantities on the Pacific Coast and shipped to all parts of the country in refrigerator cars. Plant large, dark green, crisp heading, with large outer leaves which are notched and slightly curled on the edges and large, tightly folded cabbage-like head which is well blanched, crisp and sweet. Our Special is a strain of regular New York carefully selected for several generations.			
New York Special No. 41	LEARNER	1.00	.90
A strain we have developed with wrapper leaves which fold over the head and protect it from sun and fog burn. It is a finely bred selection, runs very true, almost perfect, and is popular with the shippers for fall and winter use.			
New York Special No. 12	LEGACY	1.00	.90
An early variety which does well in mid-summer and is an even and well-bred selection. It is a trifle lighter in color than other strains of New York, but is popular with shippers.			
Salamander, b. s.	LADSTAR	.65	.60
70 days. Very dependable; particularly popular with market gardeners because it forms fairly good heads when the weather is so warm that most varieties fail. Head globular, hard and buttery; of sweet, delicate flavor. The same as Black Seeded Tennisball, which name is equally popular.			
Unrivaled, w. s.	LECHER	.85	.80
76 days. Sometimes called White Big Boston since it has the characteristics of this popular variety with its smooth leaves and buttery yellow heart, but has no tint of brown on the head and is lighter green. Our White Boston is the perfected pure-bred strain of Unrivaled.			
Wayahead, w. s.	LAMPREY	.70	.60
A medium dark green butter heading variety with plain edged outer leaves, somewhat crumpled, and a yellow heart. It is easily grown and heads well from spring till fall and is a good home garden variety.			
WHITE BOSTON, w. s.	LANARY	.85	.80
This is a cabbage, butter-head type, leaves smooth and straight on the edges. Plant and head entirely light green; heart buttery and yellow. This strain is the best in existence and we have given it this name properly to distinguish it from Big Boston.			



Head Lettuce, White Boston

LETTUCE—LOOSE LEAVED VARIETIES

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
BLACK SEEDED SIMPSON	LANMAN	.60	.55
Early. Dependable in all parts of America and widely grown in home and market gardens. Plant large, attractive, compact, with broad, frilled light green leaves that are of fine crisp texture and splendid quality.			
Chicken Lettuce	LOB	.60	.55
Very hardy, rapid growing, medium light green, non-heading butter type which produces flower stalks early and furnishes an abundance of leaves over a long period of growth.			
EARLY CURLED SIMPSON, w. s.	LAXIT	.60	.55
Early. Also well known as "White Seeded Simpson." Very hardy and dependable; particularly popular for home gardens. Plant large, compact, bright light lustrous green; leaves broad, frilled, firm, crisp, sweet and of good quality.			
Grand Rapids, b. s.	LEGIN	.65	.60
Very early. Hardy, disease resistant; the most widely used and best adapted variety for greenhouse forcing. Plants large, upright, compact and handsome; bright solid light green; leaves large, broad, margin much waved and frilled; very tender and sweet when grown under glass.			
Ohio Grand Rapids, b. s.	LUCIFER	.75	.70
The same as Grand Rapids except that the foliage is darker green and not so tender. The variety stands more abuse in handling.			
Prize Head, w. s.	LINTOCK	.60	.55
Very early, quick growing and one of the most popular for home gardens, particularly on the Pacific Coast. Plant medium large, strictly loose-leaf; leaves broad, crumpled and frilled; outside leaves tinged red, inner leaves wholly green; very crisp, sweet and tender.			

COS or ROMAINE

All cos varieties should be planted for late summer or early fall use when they form firm nicely folded heads. If they come to maturity in the heat of summer, the flower stalks develop before the head is well formed. Cos varieties are distinct from other varieties of lettuce, and on account of the thick leaves and the thick brittle midrib are sometimes called celery lettuce. Cos lettuce is very popular and of superior quality.

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Dark Green, w. s.	LAPET	\$0.75	\$0.70
A medium large, dark green variety which forms a good sized, firm, well folded head.			
White Paris Self Folding, w. s.	LINEAL	.65	.60
77 days. Most popular variety for the home and market garden; likewise the best for forcing. Plants medium large and upright; medium light green with firm, spoon-formed straight-edged outer leaves and upright, loaf-shaped, well folded firm head 8-9 in. tall which is whitish-green inside with heavy, white brittle midribs; hard and crisp in texture, but very sweet and considered by some the standard of excellence in lettuce.			
Trianon	LOGNON	.65	.60
The same as White Paris Self Folding.			

MUSK MELON

We have indicated the number of days ordinarily required to produce ripe fruits at our Oakview Experimental Gardens near Detroit, the seed being planted directly out of doors early in June.

ORANGE FLESHED VARIETIES

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
BENDER'S SURPRISE	MELBEND	\$0.75	\$0.70
85-90 days. Delicious salmon-fleshed melon, very popular in New York State. Fruit medium to large; oval; distinctly ribbed and covered with slight patches of netting; skin light yellow when ripe.			
Burrell's Gem (see Defender)	MEBUR	.70	.65
Daisy	MEAL	.70	.65
88 days. The quality of Daisy is the standard of excellence in musk melons. Suitable for home garden and nearby markets. Fruits 5½-6 in. long; nearly round; very faintly ribbed and sparsely netted. Flesh extremely thick; deep salmon-orange; of a sweet, rich, mildly aromatic flavor.			
Defender, or Burrell's Gem	MERIT	.70	.65
100 days. (Widely known as Burrell's Gem and Ordway Pink Meat.) Generally considered the standard of excellence in shipping melons. Fruits oval; 6½ in. long, 4½ in. diameter, and with uniform heavy netting. Flesh very thick; rich orange-yellow; sweet and aromatic.			
Emerald Gem	MALARD	.70	.65
80 days. The standard very early variety for home garden and nearby market. Fruits flattened globe shape, 5-5½ in. long, ribbed; smooth with practically no netting; not suitable for shipping. Flesh very thick; deep salmon-orange; sweet, juicy, and aromatic.			
Extra Early Osage	MEDLEY	.70	.65
84 days. Standard variety of splendid quality for nearby markets and home gardens. Fruits 6-7 in. long; almost round; with shallow furrows and sparse shallow netting. Flesh very thick; salmon-orange; fine grained, sweet, and aromatic.			

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Gold Nugget	MEMORY	\$0.70	\$0.65

95 days. Ideal small shipping melon. Fruits oval; 5—5½ in. long by 4½ in. in diameter; well covered with heavy netting. Flesh very thick, deep salmon-orange; sweet, spicy, and delicious. Similar to but smaller and more oval than Hearts of Gold. Very similar in external appearance to the green fleshed variety, Netted Gem or Rocky Ford, but of incomparably better quality.



Musk Melon, Bender's Surprise

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Golden Champlain	MELPIN	\$0.70	\$0.65

75—80 days. The earliest orange fleshed musk melon; particularly valuable for home garden and nearby market. Fruits 5—6 in. in diameter, round to slightly flattened; shallow ribbed and more or less netted; flesh salmon-orange, medium thick, juicy, and of sweet musky flavor.

HALE'S BEST	MELBEST	.70	.65
--------------------------	---------	-----	-----

86 days. The earliest shipping melon and most valuable recent contribution to the melon shipping industry. This is the variety so extensively planted in Southern California and other melon growing districts of the Southwest for early shipping. Of outstanding merit for home and market garden use. Fruits broad oval; 6½ in. long by 5½ in. in diameter; ribbing indistinct; entirely covered with heavy netting. Flesh very thick; salmon-orange; of sweet aromatic flavor.

Hearts of Gold	MERGE	.70	.65
-----------------------------	-------	-----	-----

100 days. Standard shipping melon; very popular with market gardeners. Fruits 5½—6 in. long; almost round; with indistinct furrows; covered with grayish netting. Flesh very thick; deep salmon-orange; fine grained; sweet, juicy, and of rich aromatic flavor.

Honey Rock (or Sugar Rock).....	MELROCK	.75	.70
Newly developed, somewhat variable, early variety which is increasing in popularity among market gardeners and shippers. Fruits 5—6 in. in diameter, round to slightly flattened; coarsely netted; rind very hard and brittle; flesh medium thick, deep salmon color, juicy, and of sweet musky flavor. Comparatively little loss of fruits due to "growth cracks" during the ripening season.			

ORANGE FLESHED VARIETIES (Cont.)

		Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
IMPROVED PERFECTO	.....	MELFECT	\$0.70	\$0.65
90 days. Excellent shipping and market gardener's melon; immensely productive. Fruits 5½ in. long, almost round; very uniform; solidly covered with grayish netting; no indication of ribbing. Flesh extremely thick; rich deep salmon-orange; fine grained; juicy, sweet, and of excellent aromatic flavor.				
Osage	.....	MELSAF	.70	.65
98 days. Standard for nearby markets; not suitable for shipping. Fruits large; broad oval; become 6—8 in. long and 5—6½ in. in diameter; skin very deep dark green; sparsely netted; furrowed. Flesh very thick; salmon-orange; fine grained, sweet, and of rich spicy flavor. Same as Miller's Cream.				
Persian	.....	MELPER	2.00	1.90
115 days. Requires long season to attain perfection; widely grown for market in California. Fruits globular, 6—8 in. in diameter; skin very dark green; netted. Flesh thick; bright orange; of distinct delightful flavor when melons are fully ripe.				
Tip Top	.....	MELTIP	.70	.65
86 days. Very profitable and most popular melon for nearby markets. Fruits large; roundish to broad-oval; commonly 7½ in. long; skin slate-green ripening to yellowish; furrowed, but sparsely netted. Flesh thick; salmon-yellow; very juicy, sweet, and of good rich flavor. The best of the class which includes the Bender, Bender's Surprise, Surprise, Irondequoit, and Milwaukee Market.				

GREEN FLESHED VARIETIES

Extra Early Hackensack	.....	MATSER	.65	.60
80 days. The standard extremely early large fruited melon for home garden and nearby market. Fruits large, deep but flattened; commonly 6 in. long and 7 in. in diameter; distinctly ribbed; partially netted. Flesh thick; green; sweet and juicy.				
Hackensack	.....	MANIPLE	.65	.60
88 days. Standard for home and nearby market. Fruits very large, slightly flattened; 6 in. long and 7½—9 in. through; distinctly ribbed, slightly netted. Flesh thick; green, sweet and juicy. Similar to, but later and a trifle larger than Extra Early Hackensack.				
Netted Gem or Rocky Ford	.....	MATOCK	.70	.65
92 days. Well known, widely cultivated shipping and market garden sort. Fruits small; oval; about 5 in. long, 4½ in. diameter; show no ribbing; entirely covered with uniform netting. Flesh thick; green; sweet, juicy, and of good flavor.				
10-25 SALMON TINT	.....	MELTEN	.70	.65
92 days. Splendid shipping and market garden sort; the best of the salmon tinted or gold lined strains of Netted Gem or Rocky Ford. Fruits broad-oval; almost round; about 5½ in. long and 4½ in. in diameter; no indication of ribbing; solidly covered with heavy netting. Flesh thick; rich salmon at center shading to green near the rind; sweet, juicy, and mildly aromatic.				

Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
-----------	-----------------------------	-------------------------------

WINTER VARIETIES

Cassaba, Golden Beauty	MORTOP	\$0.80	\$0.70
Attain full size in 120 days; require semi-tropical conditions for best development. Extensively grown in California for local trade and long distance shipment. Fruits large, globular; 6—8 in. in diameter; skin golden yellow; tough, wrinkled. Flesh very thick, white, juicy, and sweet. Keeps well in storage.			
Honey Ball	MELBAL	1.00	.95

Honey Dew Green Flesh	MELHON	.80	.70
115 days. Grown extensively in the warmer melon growing sections for local markets and distant shipment. Fruits broad oval; 7—8 in. long, and 6 in. in diameter; nearly white, becoming creamy yellow; smooth with occasional net. Flesh thick; pale emerald green; sweet, juicy, with honey-like flavor. Keeps well in storage for considerable time.			

WATER MELON

Angeleno	MELACK	.80	.70
Medium early. Very popular home and market garden sort in California. Fruits medium to large; round, with blocky ends; very dark green; with strong rind; stand shipping well; flesh bright red; firm; of splendid quality; seeds black.			
Chilian	MOTHRUP	.50	.45
Medium early. Splendid home and market garden variety; very popular on the Pacific Coast. Fruits medium small; round; medium green with dark stripes; flesh bright red; of splendid quality; seeds black. There is a white seeded strain which is very similar.			
Citron (red seeded)	MENTUM	.50	.45
Mature size in about 95 days. Standard preserving citron. Fruits globe-shaped; 7—8 in. in diameter; medium green streaked with dark green; smooth, very hard; flesh white; very firm; unpalatable in raw state.			
Ferry's Peerless	MEATL	.50	.45
Very early. Highest quality very early melon for home and market garden. Fruits of medium size, roundish to oval; bright green, faintly veined; rind firm, brittle; flesh bright scarlet, of splendid quality; seeds white, sometimes sold as Ice Cream.			
Florida Favorite	MIDAY	.50	.45
Medium early. Standard home, market garden, and shipping sort in the South. Fruits large; uniform, oblong; light green with dark striping; rind tough; flesh bright red; of high quality; seeds white.			
Georgia Rattlesnake (Gypsy)	MIDIB	.50	.45
Main crop. Standard home and market garden sort in the South; extensively grown for shipment. Fruits large; long, cylindrical; light green alternating with narrow very dark green stripes; rind very tough; flesh rich scarlet red; of high quality; seeds clouded white with brownish markings.			
HARRIS' EARLIEST	MODER	.50	.45
Extremely early. The best extremely early variety; very popular in Northern sections. Fruits medium size; broad oval; dark green stripes alternate with lighter; rind brittle; flesh bright red; of good quality; seeds blackish.			
Irish Grey	MONEY	.50	.45
Main crop. Especially valuable for distant shipping. Fruits large; oblong; uniform light grayish green; rind extremely hard and tough; flesh bright red; of good quality. Seeds white.			

WATER MELON (Cont.)

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
KLECKLEY'S SWEETS or MONTE CRISTO	MOTAC	\$0.50	\$0.45

Early. The most popular home garden sort; because of the thin brittle rind it is not suitable for shipping. Fruits large, oblong, very dark green; flesh bright rich red, crisp, exceedingly sweet; seeds white. Very similar to Halbert Honey.

	Code Word	1.50	1.25
KLONDIKE, MORSE'S STRAIN	MONDIK		

Early. Unsurpassed in quality. Widely used in home and market gardens in California and increasingly in demand for shipping. Fruits oblong, with shallow ribs; pure green; flesh bright red, very sweet; average weight about 25 lbs. Seeds very small.



Selected Fruits of Georgia Rattlesnake (Gypsy) Watermelon Grown at Our Oakview Plant Breeding Station

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Long Light Icing	MOON	\$0.50	\$0.45

Medium early. High quality melon for home and market garden. Fruits large; oblong; light green faintly veined with darker green; rind brittle; flesh bright light red; crisp and sweet; seeds white.

	Code Word	.50	.45
Round Light Icing	MOUNT		

Medium early. Fruits medium large, roundish, light green faintly veined with darker green; rind brittle; flesh bright light red; crisp and sweet; seeds white. Fruits roundish and a trifle smaller, but otherwise very similar to Long Light Icing.

	Code Word	.50	.45
STONE MOUNTAIN	MORAL		

Main crop. Recently introduced melon of outstanding merit; ideal for home and market garden; shipped North in enormous quantities. Fruits very large; broad oval, almost round, with blocky ends; dark green with indistinct veining; rind hard and tough; flesh bright red, crisp and sweet.

	Code Word	.50	.45
Sweet Heart	MOTTO		

Main crop. Splendid shipper and popular home and market garden sort. Fruits very large; round to slightly oblong, with blocky ends; light green with fine, darker veining; rind hard and tough; flesh bright red, crisp and sweet; seeds black.

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
TOM WATSON	MELWAT	\$0.50	\$0.45

Main crop. The most widely grown melon for shipping; also splendid and popular for home and market garden use. Fruits very large; oblong, cylindrical, symmetrical; dark green with fine veining of very dark green; rind very tough; flesh bright deep red, crisp and sweet; seeds brownish.

MUSHROOM SPAWN

Spore Culture	MUSPAW (in bricks of about 1 1/4 lbs.)	
Mushroom is propagated by means of microscopic "spores" which correspond to the seeds of flowering plants. The spore culture we offer is from a selected strain which insures uniformity and is prepared in the form of bricks.	per brick, \$0.22 per 100, \$18.00	

MUSTARD

Mustard is very widely grown for greens, particularly in the home and market gardens of the South. An abundance of tender succulent leaves is available 4 to 5 weeks after sowing seed.

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Chinese	MORION	\$0.28	\$0.25
Very hardy and vigorous; leaves broad oval, thick; deeply savoyed and crumpled.			
Fordhook Fancy	MOAD	.30	.28
(Also known as Ostrich Plume.) Vigorous, of comparatively upright habit; slow to produce seed stalks; leaves handsome, plume-like; bright green; seeds reddish-brown.			
Florida Broad Leaf	MOTOR	.28	.25
Large vigorous growth; leaves deep green; large, thick, broad-oval with distinct whitish midrib; margin toothed, but not frilled; seeds reddish-brown.			
Large Smooth Leaved	MOLEST	.28	.25
Large, vigorous; leaves large, broad-oval, deep green; margin toothed, but otherwise plain; seeds reddish-brown.			
SOUTHERN GIANT CURLED	MORSEL	.28	.25
Very hardy and the most popular for greens. Leaves large and wide, bright green and very curly on the edges. The plant, although slightly spreading, is quite upright in growth.			
Mustard Spinach or Tendergreen	MEGREEN	.32	.30
Valuable heavily productive addition to our list of "greens" for home and market garden and for shipping. Rapidly produces a large rosette of thick, tender, dark green leaves that are smooth, glossy, and not lobed; very slow to produce seed stalks.			

OKRA or GUMBO

Okra is planted at our Oakview Experimental Gardens late in May or early in June and always yields tender pods in August.

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Dwarf Long Pod, Green	OPAL	\$0.25	\$0.22
Early, prolific. Plants 2 1/2-3 ft. tall; pods dark green, fleshy and tender; become 7-8 in. long and 1 1/8 in. in diameter; tapered near tip.			
Perkin's Mammoth Long Pod	ODEC	.25	.22
Standard medium early sort for home, market garden and canning. Plants 4-5 ft. tall; pods dark green, fleshy, tender; become 7-8 in. long, 1 1/8 in. in diameter; distinctly ribbed and tapered.			
White Velvet	ODEON	.25	.22
Early. Plants 3 ft. tall; pods white, fleshy and tender; slender, become 6-7 in. long and 7/8 in. in diameter; tapered, smooth, not ribbed.			



Washing and Drying Onion Seed on One of Our California Ranches

ONION

In our selecting operations particular attention is paid to curing quality and keeping quality. Our bulbs are subjected to a long storage period to eliminate any occasional poor keeping individuals before planting the mother bulbs in the spring for stock seed.

The trials of onion, at our Experimental Gardens near Detroit, are always planted about May 1st. The earlier varieties such as Extra Early Red Flat are always fully mature in 125 days or less and the late varieties about 2 weeks later, that is the latter part of September.

Our stocks of onions are superior in every respect.

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Ailsa Craig	OAK	\$1.40	\$1.25
Very popular in Great Britain, but not widely used in America. Bulbs very large, light yellow, lightly tinged with bronze, oblong-globe, hard and keep well.			
Australian Brown	OBEDIENCE	1.00	.90
Standard market variety of notably long keeping quality; splendid for sets. Bulbs flat, but rather deep in shape; skin thick and chestnut brown; flavor strong and flesh cooks dark.			
Ebenezer	OBLIQUE	1.40	1.25
Produces excellent sets of extraordinary keeping quality which planted in the spring produce early mature onions for market. Bulbs medium size; deep-flat in shape; pure deep yellow; very firm and hard. The true type of this and of Japanese is the same.			
Extra Early Red, Flat	ODDITY	1.25	1.15
Very early. Standard for very early market use. Bulbs medium size, flat, purplish-red. Ten days earlier than Red Wethersfield and bulbs not as deep in form nor as dark.			
Ohio Yellow Globe	OPHIDE	1.05	.95
Standard very widely used variety of splendid keeping quality. Bulbs oblong globe shape at upper half and a trifle flattened at the base; skin pure deep yellow; flesh firm and hard. Michigan Yellow Globe is the same.			

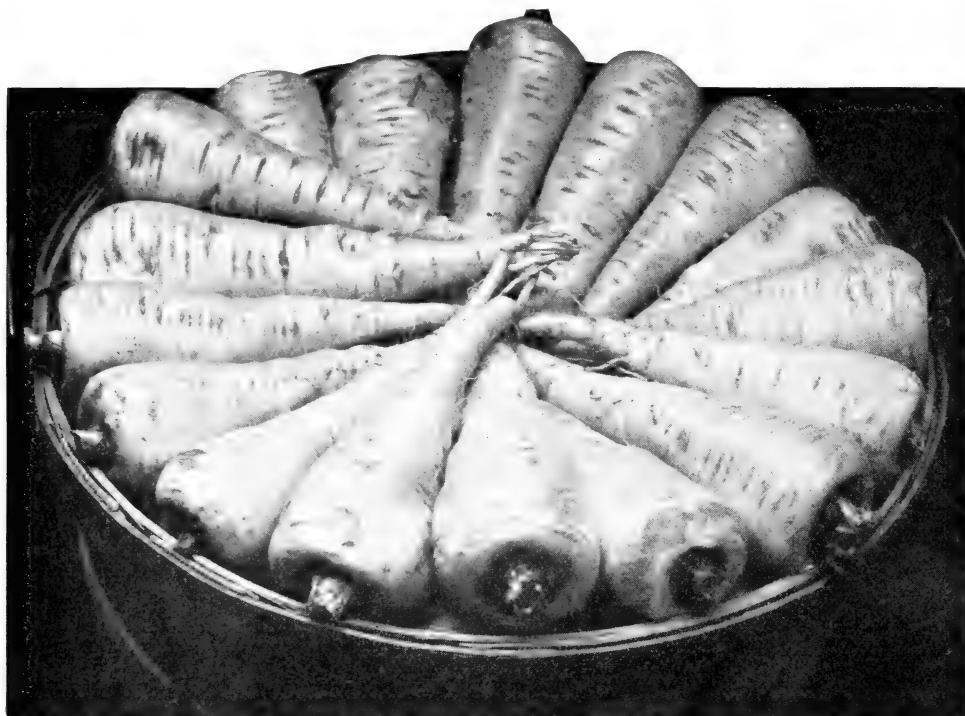
		Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Prizetaker (Same as Mammoth Yellow Spanish or Valencia)	OPPOSE		\$1.20	\$1.05
The most widely grown of the Sweet Spanish class. Enormously productive, widely grown for shipping. Bulbs large, globular; skin thin, glossy and of a lighter shade of yellow than Ohio and Southport Yellow Globes; flesh coarse but mild and sweet.				
Red Wethersfield	ORDINANCE		.95	.85
Standard late variety of splendid keeping quality; excellent for sets and for mature bulbs. Bulbs large; flat but rather deep; skin deep purplish-red; flesh white with faint pink flush; flavor strong.				
SOUTHPORT RED GLOBE	ORACLE		1.20	1.05
Standard late variety used in large quantities in some markets; splendid keeper. Bulbs large; globe-shaped; skin thick, very deep purplish-red; flesh white with faint tinge of pink; flavor strong.				
SOUTHPORT WHITE GLOBE	ORDAIN		1.50	1.40
Standard late variety of highest quality. Bulbs medium large; globular; firm; skin clear white; flesh clear white and fairly mild; keeps well, but not so long as the standard colored globes.				
SOUTHPORT YELLOW GLOBE	ORDEAL		1.05	.95
Standard late variety of splendid keeping quality. Bulbs large; globular; skin deep orange-yellow; flesh fine grained; fairly strong.				
Sweet Spanish (Riverside Strain)	ORMOND		2.25	2.00
The best of the very large mild varieties, and while one of the original Spanish types, is a better keeper, having been selected for keeping qualities. It is deep amber-orange in color, with a small neck, and is globular.				
White Portugal (American Silverskin)	OUCHAB		1.40	1.25
Most widely used white onion for sets, pickling onions, mature bulbs and for bunching onions from seed. Bulbs of medium size; flat but fairly deep; pure white; flesh fine grained, firm and hard. A splendid keeper.				
Yellow Danvers, Flat	OUTALLY		1.25	1.15
One of the hardest, most easily grown and best keepers. Unexcelled for general purposes and especially valuable for sets. Bulbs medium large; flat but fairly thick; clear bright yellow; flesh white with faint tint of yellow; firm and hard.				
Yellow Dutch or Strasburg	OUTAC		Sold Out	
Especially valuable for sets; ripens down very uniformly. Bulbs of medium size; flat; clear bright yellow; flesh white with faint tint of yellow. Splendid keeper.				
Yellow Globe Danvers	OUTIG		1.00	.90
Very popular and somewhat earlier than Ohio and Southport Yellow Globes. Bulbs medium large, globe-shaped, pure yellow; flesh white with faint tinge of yellow, firm and hard.				
Yellow Globe Danvers (Original Squire's Strain)	OUTLAW		1.05	1.00
A special strain of Danvers Onion of outstanding quality.				

IMPORTED VARIETIES

Extra Early Barletta	ONBAR	1.50	1.30
Extremely early. Largely grown for pickling, sometimes for early green onions. Bulbs medium small, almost round at pickling stage but become flat; silvery white; flesh white, sweet and mild.			
Mammoth Silver King	OLIVE	1.50	1.30
Very early white market onion. Bulbs large; flat but deep; clear white; flesh coarse and mild.			
White Queen	ORDWAY	1.50	1.30
Early market and pickling sort. Bulbs medium small; pure white; flat; mild and sweet. Similar to Extra Early Barletta.			

PARSLEY

	Code Word	1 lb. or more per lb.	10 lbs. or more per lb.
Double Curled	PACKSTAFF	\$0.35	\$0.30
Very handsome; rich, deep green with finely curled leaves.			
EXTRA TRIPLE CURLED (Moss Curled).....	PAINFUL	.35	.30
Plant very compact, leaves very dark green and so finely cut and closely curled as to resemble tufts of moss. Aside from its value for flavoring and garnishing the plant is decorative. Similar to Champion Moss Curled.			
Hamburg, Thick Rooted	PALACE	.35	.30
Plain leaved variety which forms a large, thick, edible root.			
Plain or Single	PALENESS	.35	.30
The standard variety of plain leaved parsley. Leaves dark green, deeply cut, but not curled.			



Parsnip, Hollow Crown, Thick Shoulder

PARSNIP

		1 lb. or more per lb.	25 lbs. or more per lb.
Guernsey	PALMATE	\$0.35	\$0.30
Standard variety. Roots 15—18 in. long; hollow crowned; $2\frac{1}{2}$ —3 in. thick at shoulder; tapered uniformly to tip; smooth.			
Hollow Crown, Thick Shoulder	PALLMALL	.35	.30
Roots 12—15 in. long, 3 in. thick at shoulder; tapered; smooth.			
Long Smooth	PALMIP	.35	.30
Extremely hardy, good keeper chiefly grown for stock. Roots long; white; smooth and of good quality.			
SHORT, THICK	PALDOR	.75	.50
Roots short and thick, about $2\frac{1}{2}$ to $3\frac{1}{2}$ inches in diameter, and only 6 or 8 inches long at thickened part. Tops only about half the size of Hollow Crown. Roots full crowned and rounded on top; neck small. Fully a month earlier than Hollow Crown. Tender, sweet, easy to pull.			

PEAS

Peas are planted the latter part of April near Detroit. The earlier varieties always produce peas fit for table about the middle of June or soon after. We have indicated for each variety the average number of days required to produce peas for table use, based on many years of observation. Very often peas are gathered several days earlier than indicated here, but the average is more indicative of their behavior under ordinary circumstances.

FIRST EARLY AND EARLY VARIETIES

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
Alaska	PECAN	\$0.12	\$0.10	\$0.09
54 days. This variety and Extra Early are the earliest garden peas in cultivation. Alaska is the most widely grown pea for canning purposes. Vines 33 in. tall; slender; crop matures uniformly. Pods borne singly; light green; $2\frac{1}{2}$ in. long, $1\frac{1}{2}$ in. wide; very plump; blunt. Seeds small; round; medium green with bluish cast; interior green.				
American Wonder	PANTAL	.13	.11	.10
59 days. Very important early dwarf variety for the home garden; the same as Nott's Excelsior. Vines 12—14 in. high; dark green; very productive. Pods medium green; 3 in. long, $\frac{1}{2}$ in. wide, plump, straight, blunt ended; seeds medium small, squarish, wrinkled, green; interior green.				
Extra Early	PARAGON	.12	.10	.09
54 days. As early as Alaska and much used in home and market gardens. Vines 30 in. tall, usually a trifle darker green than Alaska, but otherwise similar. Pods borne singly; light green; $2\frac{1}{2}$ in. long, $\frac{1}{2}$ in. wide; plump, blunt. Seeds round, faintly dimpled, cream colored, interior yellow.				
GRADUS	PAPAL	.13	.11	.10
58 days. Splendid early large podded sort for home and market garden. Vines medium green; 3— $3\frac{1}{2}$ ft. tall. Pods borne singly; attractive medium green; 4 in. long, $\frac{7}{8}$ in. wide, plump, well filled; tapered at end. Seeds large, wrinkled; cream and green; interior yellow.				
Hundredfold	PUNFOLD	.20	.18	.17
62 days. Prolific, large podded dwarf variety for home, market garden and shipping. Vines 18 in. tall, dark green. Pods borne singly; dark green; 4 in. long, $\frac{3}{4}$ in. wide, plump; tapered at tip. Seeds large, wrinkled, cream; interior yellow.				
LAXTON'S PROGRESS	PROGRESS	Sold Out		
60 days. Splendid variety for home, market garden and shipping. Vines dwarf; 20 in. tall; dark green; prolific. Pods handsome; dark green; fully 4 in. long, $\frac{3}{4}$ in. wide, plump; tapered at end. Seeds large, wrinkled; cream; interior yellow.				
Laxtonian	PANADA	.20	.18	.17
62 days. Similar to Hundredfold in type and usefulness. Vines 16—19 in. tall; medium dark green. Pods borne singly; medium dark green; 4— $4\frac{1}{4}$ in. long, $\frac{3}{4}$ in. wide, plump; tapered at tip. Seeds large, wrinkled; green and cream.				
Little Marvel	PANTING	.20	.19	.18
62—64 days. Unsurpassed in quality and productiveness; particularly valuable for the home garden. Vines 18—20 in. tall; dark green; very thrifty. Pods dark green; 3 in. long, $\frac{1}{2}$ in. wide; very plump; straight; blunt ended. Seeds medium sized, squarish, distinctly wrinkled, green; interior green.				
Nott's Excelsior	PELLET	.13	.11	.10
59 days. Very important early dwarf variety for the home garden; the same as American Wonder. Vines 12—14 in. high; dark green; very productive. Pods medium green; 3 in. long, $\frac{1}{2}$ in. wide; plump, straight; blunt ended. Seeds medium small, squarish, wrinkled, green; interior green.				

PEAS—FIRST EARLY AND EARLY VARIETIES (Cont.)

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
Premium Gem.....	PENCERN	\$0.13	\$0.11	\$0.10
	62 days. Valuable home garden variety. Vines 18 in. tall, medium green. Pods medium green; $2\frac{3}{4}$ in. long, $\frac{1}{2}$ in. thick; plump, straight; blunt ended. Seeds medium sized; green; wrinkled.			
Surprise.....	PERISE		.14	.12
	56 days. Probably the most desirable early wrinkled variety for canners' use. Vines slender, medium light green, $2\frac{1}{2}$ to 3 feet high. Pods about 3 inches long, plump, square-ended, containing 6 to 8 peas of excellent quality.			.11
THOMAS LAXTON.....	PAPIST		.14	.12
	57 days. Unsurpassed for the home garden as an early large podded pea of high quality. Vines 3— $3\frac{1}{2}$ ft. tall, dark green. Pods dark green; $3\frac{1}{2}$ in. long, $\frac{5}{8}$ in. wide, plump; blunt. Seeds large; wrinkled, cream and green; interior yellow.			.11
World's Record.....	PACORD		Sold Out	
	55 days. Similar to Gradus, but a trifle earlier and with somewhat shorter vine. Vines medium green, about 3 feet tall, moderately productive. Pods $3\frac{3}{4}$ inches long, wide, pointed at end. Seeds large, wrinkled, cream and green.			



Recording Characters of Single Plant Selections of Garden Peas

PEAS—SECOND EARLY VARIETIES

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
ALDERMAN.....	PARCH	\$0.18	\$0.16	\$0.15
	75 days. Splendid dark podded variety of the Telephone group for home, market garden and shipping. Vines $4\frac{1}{2}$ —5 ft. tall, dark green. Pods dark green; $4\frac{1}{2}$ — $5\frac{1}{2}$ in. long, $\frac{7}{8}$ in. wide, plump, straight, tapered at tip. Seeds large, wrinkled, pear-shaped, green; interior green. More desirable than Duke of Albany and Admiral Beatty.			
Bliss Everbearing.....	PEARL		.13	.11
	72 days. Popular for the home garden and similar to Yorkshire Hero. Vines 30 in. tall; dark green; thrifty; of long bearing period. Pods medium green; borne in pairs; 3 in. long; $\frac{5}{8}$ in. wide; plump; straight, blunt. Green peas large, sweet; of marrowy texture and flavor. Dry seeds large; green; flattish, coarsely wrinkled; interior pale green.			.10
Green Admiral.....	PENCIL		.12	.10
	72 days. A very prolific variety grown chiefly for canning. Similar to, but more suitable for canning than the Admiral or Yellow Admiral. Vines 48 in. tall, slender, branched. Pods medium green, $2\frac{3}{4}$ in. long, $\frac{1}{2}$ in. wide, plump, straight, blunt. Green peas medium small; uniform; deep green. Seeds small, finely wrinkled, green with green interior; whereas Admiral has creamy yellow seeds with yellow interior.			.09

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
McLean's Advancer or Perfection	PEOPLE	\$0.13	\$0.11	\$0.10
	68 days. Particularly valuable for canning because of heavy yield, uniform ripening and high quality. Vines 33 in. high; somewhat branched; dark green. Pods borne in pairs; medium green, $3\frac{1}{4}$ in. long, $\frac{1}{2}$ in. wide; plump, straight; blunt ended. Green peas medium in size, deep green, very uniform. Seeds medium small; green; wrinkled; interior green. Variety similar to Horsford's Market Garden, but 10 days earlier.			

Telephone	PERFIDY
----------------------------	---------

73 days. One of the best home and market garden sorts; sometimes used for canning. Vines 4—4½ ft. tall, medium green. Pods borne singly; rich medium green; $4\frac{1}{4}$ in. long, $\frac{3}{4}$ in. wide; plump, straight, tapered at end. Dry seeds large, pear-shaped, wrinkled, green, interior green.

Sold Out

PEAS—LATER VARIETIES

Champion of England	PARENT	.13	.11	.10
79 days. Excellent for home and market gardens. Vines $4\frac{1}{2}$ to 5 ft. tall; dark green; branched. Pods light green, often in pairs; 3 in. long, $\frac{5}{8}$ in. wide; very plump; straight; blunt. Seeds medium size; finely wrinkled; green; interior green.				
Dwarf Telephone or Daisy	PERFAT	.15	.13	.11
70—75 days. Very satisfactory for home, market garden and shipping. Vines 24 in. tall, thrifty; deep green. Pods deep green; $4\frac{1}{4}$ in. long, $\frac{3}{4}$ in. wide; plump; tapered at end. Seeds large, wrinkled, green. This is a splendid, uniform stock recently developed by us.				
Giant Butter (Edible Pod)	PERRY	.14	.12	.11
Edible pods, 72 days. Splendid for home and market garden. Vines 5 ft. tall; light green. Pods $5\frac{1}{2}$ in. long; $\frac{1}{2}$ in. wide, almost as thick (usable much smaller), smooth, curved or sickle-formed and pointed; fleshy and entirely free of parchment and fibre; brittle, stringless; delicious served in same manner as snap beans. Seeds medium small, wrinkled, green; interior green.				
Horsford's Market Garden	PADUNCLE	.12	.10	.09
79 days. Very productive canning variety also grown in home and market gardens. Vines 33 in. tall, dark green, often branched. Pods medium green; usually paired; 3 in. long, $\frac{1}{2}$ in. wide, very plump; straight, blunt. Green peas medium sized, very uniform, of high quality. Seeds medium small, green, finely wrinkled; interior green.				
Improved Stratagem	PERCOLE	.13	.11	.10
78 days. Splendid home and market garden variety. Vines 30 in. tall, dark green. Pods dark green; $4\frac{1}{2}$ in. long; $\frac{7}{8}$ in. wide; plump; straight; tapered at end. Seeds large, squarish, wrinkled, green; interior green.				
Large Blackeye Marrowfat	PERFECT	.12	.10	.09
82 days. Very productive late variety for home garden; very suitable for dry use and grown extensively for that purpose. Vines 5 ft. tall, light green. Pods light green, 3— $3\frac{1}{2}$ in. long, $\frac{5}{8}$ in. wide; very plump; straight; blunt. Green peas of a rich marrowy flavor. Seeds large, round, creamy buff with black eye; interior yellow.				
Large White Marrowfat	PERJURE	.12	.10	.09
82 days. Very productive late variety for home garden; very suitable for dry use and grown extensively for that purpose. Vines 5 ft. tall, light green. Pods light green, 3— $3\frac{1}{2}$ in. long; $\frac{5}{8}$ in. wide; very plump, straight, blunt. Green peas of rich marrowy flavor. Seeds large, round, entirely creamy buff in color; interior yellow.				

PEAS—LATER VARIETIES (Cont.)

	Code Word	1 lb. or more per lb.	100 lbs. or more per lb.	600 lbs. or more per lb.
Melting Sugar (Edible Pod)	PHYZ	\$0.14	\$0.12	\$0.11

Edible pods, 72 days. The best flat podded edible pod variety for home and market garden. Vines $4\frac{1}{2}$ ft. tall; light green. Pods $4\frac{1}{4}$ in. long; $\frac{7}{8}$ in. wide; flat, straight, tapered at end; fleshy, stringless, brittle; free of parchment; of splendid quality used in the manner of snap beans. Seeds medium large; round; smooth; creamy white; interior yellow.

PEPPER

In order to indicate the relative earliness of the varieties of pepper, we have stated the number of days commonly required under ordinarily favorable conditions near Detroit to produce a significant picking of marketable green peppers, calculating from the time that well grown young plants are set in the open field late in May or early in June. It requires 6—8 weeks to produce young plants for the field.

	Code Word	1 lb. or more per lb.	100 lbs. or more per lb.
Anaheim	PEPANA	\$3.50	\$3.25
(Hot) Late; particularly adapted to culture in the South. Popular in home and market gardens and grown on commercial scale for drying and canning. Fruits 6—8 in. long, about an inch through; tapered; deep green becoming rich scarlet; mildly pungent.			
CALIFORNIA WONDER	PLAZA	4.75	4.50
(Sweet) 72 days; large green fruits available practically as early as Ruby King. This is the standard of excellence in sweet peppers; much used, particularly by market growers and shippers. Plant thrifty, upright, heavily productive over a long season. Fruits handsome, very large, very smooth and regular; commonly $4\frac{1}{2}$ in. long and $3\frac{1}{2}$ —4 in. through; deep green, becoming bright crimson; flesh extremely thick and firm, sweet throughout and of distinct flavor. Our stock is in a class by itself and definitely superior to that from other sources.			
Chinese Giant	PITLAR	4.00	3.75
(Sweet) 80 days. The largest sweet pepper. Fruits $4\frac{1}{2}$ —5 in. long and of equal diameter; roundish, blunt at the ends; somewhat crumpled; deep green, becoming bright scarlet-red; mild and sweet throughout.			



Rating Our Splendid Stocks of California Wonder Pepper

	Code Word	1 lb. or more per lb.	10 lbs. or more per lb.
Giant Crimson	PLEDGE	\$4.00	\$3.75
(Sweet) 85 days. Popular home and market sort. Plants large, thrifty and fairly productive. Fruits very large; commonly 5—6 in. long and 4 in. through; slightly tapered; deep green, becoming deep crimson; mild and sweet throughout.			
Harris' Early Giant	PLUCK	3.00	2.75
(Sweet) 63 days. The best very early sweet pepper for home and market gardens, particularly in the North. Plants vigorous, erect, extremely prolific. Fruits large, 4½ in. long, 3½ in. through, very slightly tapered; deep green becoming brilliant red; sweet throughout.			
Hungarian Yellow Wax	PLUM	3.75	3.50
(Hot) Very early. Very desirable for home, market garden and canning. Plants small; heavily productive. Fruits 6—7 in. long, 2 in. thick, tapered; smooth; waxy light yellow, becoming bright red; flesh thick and pungent.			
Large Bell or Bull Nose	PITSAW	2.50	2.35
(Sweet, with mildly pungent ribs.) 55—60 days. The earliest, most prolific large fruited pepper. Plants small, upright. Fruits 3—3½ in. long, 3 in. thick, blocky; slightly crumpled; deep green becoming scarlet-red.			
Large Sweet Spanish	PLUNDER	2.50	2.25
80 days. Popular for home and market garden. Plants large, upright, heavily productive. Fruits 6—7 in. long, 2¼ in. through; very slightly tapered; dark green becoming rich red; sweet throughout.			
Long Red Cayenne	PLAID	2.50	2.35
(Hot) 70 days. A leading sort for use in pickles, for canning and for drying. Plants large, very prolific. Fruits 5 in. long, ½ in. through, tapered; deep green, becoming bright red; very pungent.			
Pimiento	PLAMEN	1.75	1.50
(Sweet. The same as Perfection.) 72 days. Standard variety for home and market garden, grown on large scale for canning whole. Plants large, upright, heavily productive. Fruits very smooth, regular heart-shaped, commonly about 3 in. long (easily cored for canning); deep green, becoming deep red; flesh very thick, sweet and of splendid flavor.			
Red Chili	PLURAL	2.40	2.25
(Hot) Ripe 85 days. Plants low growing and bushy. Fruits borne upright, very numerous, 2—2½ in. long, ⅜ in. thick, tapered; waxy pale yellowish-green, becoming rich red; very pungent.			
Ruby King	PLIGHT	2.50	2.25
(Sweet) 68 days. Standard for home, market garden and shipping. Plants vigorous, upright, prolific. Fruits large, 4½—5 in. long, 2½ in. through, slightly tapered; deep green becoming bright deep red; flesh thick, sweet and mild.			
World Beater	POSY	2.75	2.50
(Sweet) 70 days. Standard, early shipping pepper, particularly popular in the South; in season with Ruby King. Fruits large, oblong, commonly 5 in. long and 3½ in. in diameter; deep green, becoming bright deep red; flesh thick and sweet.			



Pumpkin, Sugar or New England Pie

PUMPKIN

Code Word 1 lb. or more per lb. 25 lbs. or more per lb.

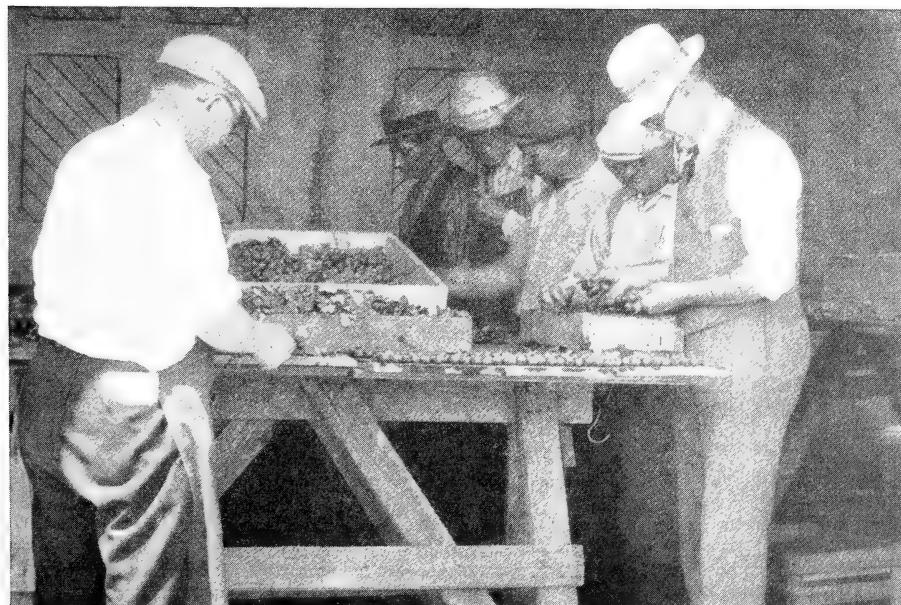
California Field	PONGO	\$0.45	\$0.40
Largely used for stock feeding. Fruits very large, somewhat variable in form and color.			
Green Striped Cushaw	POICUS	.50	.42
Widely used for stock feeding. Fruits large, commonly become 18—20 in. long and weigh 12 lbs.; solid thick crookneck and round blossom end; smooth, white with green stripes and veining; shell thin; flesh thick, coarse, cream colored.			
Large Yellow or Connecticut Field	POIND	.35	.28
The standard field pumpkin, grown for pies, canning and stock feed. Fruits very large, commonly 10 in. long, 12 in. diameter and weigh 20 lbs., sometimes much larger; skin smooth, deep orange-yellow; shell thin, hard; flesh thick, coarse, sweet and deep yellow.			
Mammoth King	POLIN	.50	.40
Extremely productive and of high feeding value; sometimes used by canners; rather generally grown for stock feed. Fruits enormous, nearly spherical, commonly 20 in. through and weigh 60 lbs.; sometimes much larger; skin reddish-yellow; flesh thick, bright yellow, firm, rather coarse.			
Morse's Marrow	PUMAR	.60	.50
Immense cropper. Fruits very large; round, flattened; skin brilliant vermillion-orange; flesh very thick and firm, bright orange-yellow.			
Pie or Winter Luxury	POLAR	.50	.42
Very popular home and market garden sort; about in season with Sugar or New England Pie. Fruits almost globular, commonly 7—8 in. long and 8—9 in. diameter and weigh 8 lbs.; skin light orange; not furrowed but with a netted, russety appearance; rind thin and easily cut; flesh very thick, yellow, firm and of splendid quality.			
Sugar or New England Pie	PONY	.50	.42
The earliest and best for pies; much grown in home and market gardens and for shipping. Fruits commonly 6 in. long and 8—9 in. diameter; flattened; furrowed; skin smooth, rich reddish-orange; rind hard; flesh thick, orange-yellow, of unexcelled quality.			
Sweet Cheese or Kentucky Field	POLISH	.45	.38
Standard large pumpkin for canning and for stock feed; largely grown in the South. Our stock is uniform, true to type, dependably early and heavily productive. Fruits very large, flattened, commonly 12—15 in. diameter and half as deep; sometimes much larger; furrowed; skin creamy buff; flesh extremely thick, deep salmon-yellow and of good quality.			

RADISH

Our radish stocks are unequalled by any others to be had from American or European sources. Tons of stock seed are grown each year at our seed breeding stations from roots which are pulled, hand selected by skilled workers and replanted for seed production in carefully isolated fields. This is why our stocks are superior in earliness, uniformity and quality.

We have indicated below the number of days required under favorable conditions to produce roots of satisfactory bunching size.

	Code Word	1 lb. or more per lb.	100 lbs. or more per lb.
Cincinnati Market	RATE	\$0.40	\$0.30
29 days. Popular home and market garden sort. Tops short and small. Roots 6-7 in. long, $\frac{5}{8}$ in. thick; cylindrical, tapered near tip; deep red with purplish tinge; flesh white, mild, crisp.			
Crimson Giant	RADIUS	.40	.30
29 days. Superior home and market garden sort. Tops medium small. Roots spherical to slightly top-shaped; deep crimson; the largest of the early turnip rooted radishes; commonly attain diameter of $1\frac{1}{2}$ in. before becoming pithy; of unexcelled quality.			
EARLY SCARLET GLOBE (Short Top).....	RASHORT	.40	.30
23 days. Our strain of this standard very early sort is superior and is equally valuable for out of door culture and for forcing. Tops small, ideal for bunching. Roots slightly elongated globe (so-called "broad-olive" shape); $1\frac{1}{4}$ in. long when ideal for use; with slender, well defined tap root; uniform rich bright scarlet; flesh white, crisp and of splendid quality.			
EARLY SCARLET GLOBE (Medium Top).....	RATOONER	.40	.30
Similar to the short top strain, but it produces larger tops. An excellent strain when grown outdoors under normal summer temperatures.			
Early White Giant Summer or Stuttgart	RALM	.40	.30
43 days. Standard summer radish for home and market. Tops medium large and coarse. Roots roundish top shape; white and smooth; remain crisp and only mildly pungent until 3-4 in. long; can be stored successfully for early winter use.			
French Breakfast	RAYFUL	.40	.30
25 days. Standard home and market garden sort; also suitable for forcing. Tops small. Roots oblong, blunt, with slender well defined tap root; about $1\frac{1}{2}$ in. long and $\frac{5}{8}$ in. through; rich scarlet with white bottom; flesh white, crisp and of splendid quality.			



Sorting Mother Roots of Early Scarlet Globe Radish, for Size, Shape, and Color

RADISH (Cont.)

	Code Word	1 lb. or more per lb. \$0.40	100 lbs. or more per lb. \$0.30
Half Long	REACH		
Widely used by market gardeners in California. Roots 3 in. long, tapered; clear carmine; remain long in marketable condition.			
ICICLE	RECIPE	.40	.30
27 days. Decidedly the best early white variety and considered by many the standard of excellence in radish. Particularly popular in home and market gardens. Tops small. Roots long, tapered; very white throughout; brittle as ice; of splendid quality until 5-6 in. long and $\frac{1}{2}$ in. thick or larger; mild and of splendid flavor. Superior to Lady Finger or White Vienna.			
Long Brightest Scarlet, White Tipped	RIFFLE	.40	.30
27 days. Handsome home and market garden sort. Tops small. Roots long, tapered; become 4-5 in. long and $\frac{3}{4}$ in. thick at the shoulder; bright rich scarlet shading to white at the tip.			
Long Scarlet	RAPACIOUS	.40	.30
27 days. Standard home and market garden sort. Tops small. Roots long, tapered; become 4-5 in. long and $\frac{3}{4}$ in. thick at shoulder; bright carmine red.			
Scarlet Turnip	RATTLE	.40	.30
25 days. Standard early sort for forcing and out of door culture. Tops small. Roots deep turnip-shaped, almost round; with fine tap root; ideal for use when 1 in. diameter, scarlet-red; mild and crisp.			
SCARLET TURNIP, WHITE TIPPED	RECTOR	.40	.30
25 days. Handsome, popular variety of outstanding quality; much used in home and market gardens. Tops small. Roots deep turnip shape, almost globular, with slender tap root; bright scarlet (rosy carmine) with well defined white area about the tip; remain crisp and of splendid quality until 1 $\frac{1}{4}$ in. diameter or greater.			
Sparkler	RECENT	.40	.30
25 days. Popular home and market garden sort. Similar to Early Scarlet Turnip, White Tipped, but with more pronounced white area. Tops small. Roots deep turnip, almost globe shape; bright scarlet with pronounced white tip; crisp and of splendid quality until fairly large.			
White Strasburg	REFUP	.40	.30
40 days. Standard summer radish for home and market garden. Roots commonly become 5 in. long, 1 $\frac{1}{2}$ -2 in. diameter at the shoulder; tapered; smooth; white; flesh firm, crisp, mildly pungent.			

WINTER VARIETIES

Seed of winter radish is sown at our Oakview Experimental Gardens near Detroit, during the latter part of July or in August. We have indicated the number of days required to produce roots suitable for table use. However, the roots continue to enlarge and are in splendid condition for storage at the onset of freezing weather.

	Code Word	1 lb. or more per lb. \$0.40	100 lbs. or more per lb. \$0.30
Chinese Rose Winter (Scarlet China)	RAINY		
50 days. Roots become 6-7 in. long, 1 $\frac{3}{4}$ -2 in. diameter at shoulder and slightly broadened outward to 2-2 $\frac{1}{2}$ in. diameter at the blunt base; skin smooth, uniform bright deep scarlet; flesh white, firm, crisp and pungent.			
Chinese White Winter (Celestial)	RAISE	.40	.30
55 days. Roots about 8 in. long, 3 in. diameter at midsection; with square shoulder and blunt bottom; white, smooth; flesh white, firm, crisp, mildly pungent.			
Half Long Black Winter	RADIO	.45	.40
55 days. Splendid keeper. Roots about 6 in. long, 2 $\frac{1}{4}$ in. thick at the squarish shoulder, taper uniformly to about 2 in. thick near the sharply tapered tips; skin somewhat roughened, black; flesh white, firm, very crisp; pungent and of good flavor.			
Long Black Spanish	RECALL	.45	.40
55 days. Splendid keeper. Roots 8-9 in. long, 2-2 $\frac{1}{4}$ in. diameter at shoulder and only slightly tapered; skin somewhat roughened; black; flesh white, very firm and crisp, pungent.			
Round Black Spanish	RECLOSE	.45	.40
55 days. Splendid keeper. Roots globular with slender well defined tap root; 3 $\frac{1}{2}$ -4 in. diameter; skin somewhat roughened, black; flesh white, firm, crisp and pungent.			

RHUBARB

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Crimson Winter	ROGIN	\$20.00	
Very popular in California where it produces small crimson stems of the finest color and quality in winter and spring, and continues bearing over a long period.			
Victoria	ROTAL	.70	\$0.60
Standard, very thrifty variety with straight stalks of splendid color and flavor.			
Rhubarb or Pie Plant Roots	RUROOT	Per 100 roots \$7.50	

ROQUETTE

	Code Word	1 lb. or more per lb.	10 lbs. or more per lb.
Roquette	ROSTER	\$0.60	\$0.55
Hardy annual closely related to the mustards. Grown for greens; forms rosette of numerous oblong, divided leaves that are dull green, thick in texture, and of a mildly pungent strong flavor.			

SALSIFY

Mammoth Sandwich Island	SALWICH	1.25	1.15
The standard variety for home, market garden and shipping. Produces uniform, long tapered white roots.			

SORREL

Large Leaved French	SAGITAL	.70	.62
The standard home garden and market sort; produces large, thick, bright green arrow-shaped leaves of mildly acid flavor.			

SPINACH

We have indicated the number of days usually required to produce plants large enough to cut for market, from seed sown out of doors early in May at our Oakview Experimental Gardens near Detroit.

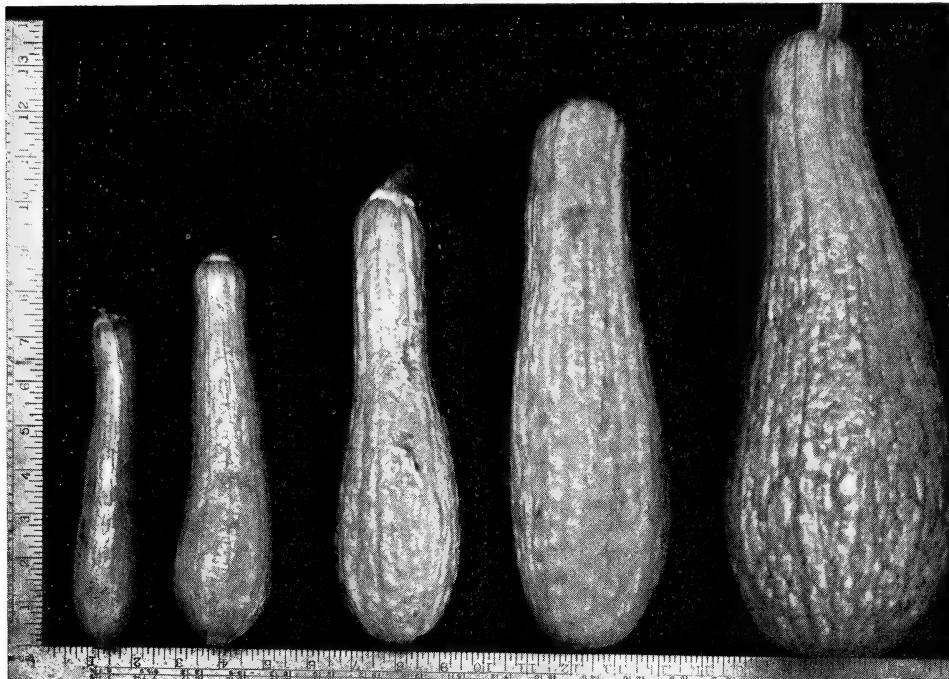
	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	250 lbs. or more per lb.
Broad Flanders	SPACE	\$0.15	\$0.13	\$0.12
(Round Seeded.) 43 days. Standard home and market garden sort; well adapted for canning. Plants large and vigorous; leaves deep green, broad and thick; smooth.				
GIANT THICK LEAVED (NOBEL)	SPANIEL	.17	.15	.14
(Round Seeded.) 43 days. Decidedly the best of the round seeded thick leaved group. Because of the enormous yield, long standing character, and the deep green color and smooth character of the leaves, this is highly recommended for canning as well as for home and market garden. Leaves very large, thick, broad arrow-shaped with rounded tip.				
Juliana (Long Standing)	SPARK	.17	.15	.14
(Round Seeded.) 50 days. The most excellent sort for long distance shipping and, in the home and market garden, to succeed the extra early sorts. Plants dense, compact, with extremely dark green leaves that are roundish, thick and crumpled; very late to produce flower stalks. Similar to Victoria, but definitely superior in long standing quality.				
King of Denmark	SPARROW	.16	.14	.13
(Round Seeded.) 48 days. Extremely long standing, smooth, dark green leaved sort for home and market garden as well as for canning. Plants large and spreading with large thick leaves that are only slightly crumpled. Spring sown crops are very often free of flower stalks until midsummer.				
Long Standing Bloomsdale	SPAWN	.19	.17	.16
(Round Seeded.) 45 days. Superior variety of the Bloomsdale or Savoy Leaved group much in demand for home and market gardens because of the uniform handsome plants and remarkable long standing quality. Resembles Savoy Leaved or Bloomsdale, but is a trifle later, of more compact habit, a trifle darker green and remains free of flower stalks about two weeks longer.				



Trial of Our Regular Stock of Spinach, Giant Thick Leaved Nobel
Our strain is very uniform and produces robust plants of excellent quality.

SPINACH (Cont.)

	Code Word	10 lbs. or more per lb.	100 lbs. or more per lb.	250 lbs. or more per lb.
Prickly Seeded Winter	SATIN	\$0.16	\$0.14	\$0.13
45 days. Standard very hardy sort chiefly used for fall sowing to be wintered over. Leaves deep green, broad arrow-shaped.				
Prickly Seeded (Morse's Dark Green)	SADARK	.18	.16	.15
45 days. The very hardy prickly seeded variety commonly used for market and canning in California. The leaves are large, thick and dark green.				
SAVOY LEAVED or BLOOMSDALE	SERIMP	.18	.16	.15
(Round Seeded.) 40 days. The standard very early sort for home and market garden. Plants upright and compact, attain height of 10—12 in. and spread of 12—15 in. Leaves large; blistered and crumpled; rich deep, glossy green; of splendid quality.				
Virginia Blight Resistant Savoy	SPAVIR	.17	.15	.14
Used principally in sections where blight (mosaic) occurs. Similar to Savoy Leaved or Bloomsdale, but somewhat smoother in leaf and inclined to bolt to seed earlier.				
New Zealand (Tetragonia)	SPECIMEN	.40	.35	.32
Distinct from other kinds of spinach and particularly valuable for culture in hot dry weather. Seeds comparatively large and nut-like. Plants very large and spreading; leaves numerous, small, triangular, thick, deep green. The tender leafy shoots are gathered repeatedly.				



Squash, Giant Summer Straightneck

SQUASH SUMMER VARIETIES

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Early White Bush Scallop	SEGHAL	\$0.60	\$0.50
Standard summer scallop squash for home and market garden. Fruits uniform, round, attain 9 in. diameter, flattened, with scalloped margins; smooth; white.			
Early Bush Scallop (Green Type)	SADDLE	.75	.70
A valuable White Bush selection which is rapidly gaining popularity on the West Coast. Fruits of convenient size for shipping; color greenish white when young; creamy white when fully matured.			
Early Yellow Bush Scallop	SAMSON	.50	.40
Early. Fruits very attractive deep orange; smooth; round and thick, but flat with scalloped margin; become 12 inches in diameter and 3 inches thick.			
GIANT SUMMER STRAIGHTNECK	SEA	.65	.55
Particularly valuable for shipping because the straight fruits are more readily packed than the crookneck type with less waste of shipping space. Fruits handsome; deep orange with moderate shallow wartng; straight, become 16—20 in. long and 4 in. through, but are usable much smaller.			
Italian Marrow, Cocozelle	SENT	.65	.55
Standard for home, market garden and shipping. Sometimes called summer asparagus because the young fruits when stewed are of a delicious flavor suggesting asparagus. Fruits straight, almost cylindrical; become 18—24 in. long and 5 in. in diameter; smooth, dark green with lighter green to yellow stripes; flesh pale greenish white.			
Italian Marrow, Zucchini	SELECT	.65	.55
Fruits straight, almost cylindrical; become about 18 in. long and 4 in. diameter, deep green with grayish-green mottling.			

SUMMER VARIETIES (Cont.)

	Code Wode	1 lb. or more per lb.	25 lbs. or more per lb.
Long Island White Bush	SELONG	\$0.55	\$0.45
Very early, prolific. Fruits become 6-7 inches in diameter and 3 inches thick; margin regular; skin smooth and white.			
Mammoth Summer Crookneck	SENZA	.55	.45
Standard sort for home, market garden and shipping. Fruits become very large; 18-24 in. long, $4\frac{1}{2}$ in. through; neck curved; skin rich orange-yellow, warted.			
Mammoth White Bush Scallop	SENBUH	.55	.45
Very early. Fruits attractive waxy white; warted; round and very thick with very fleshy scalloped margin; become 12 inches in diameter and 4 inches thick.			
Yellow Summer Crookneck	SECANT	.55	.45
Very popular for home, market garden and shipping. Very prolific. Fruits become 12-14 in. long and $3\frac{1}{2}$ in. through; neck curved; skin bright orange-yellow, moderately warted.			

AUTUMN AND WINTER VARIETIES

Banana	SERENE	.70	.60
Standard home and market garden sort. Fruits cylindrical, commonly 20-24 in. long and 6 in. through; smooth, greenish-gray; rind thin, brittle; flesh thick, light orange, fine grained, of sweet, rich flavor.			
Boston Marrow	SESBAN	.45	.35
Particularly valuable for canning. Fruits large, commonly 10-12 in. through; almost spherical, usually a trifle flattened at blossom end; skin slightly roughened, rich orange; rind hard and brittle; flesh thick, salmon-yellow.			
DELICIOUS	SQUADEL	.70	.60
The standard of excellence in winter squashes. Fruits broad top-shaped, commonly 7-8 in. long; skin very dark green, fairly smooth; rind thin but hard; flesh extremely thick, bright yellow, fine grained and dry, without fibre and of highest quality.			
GOLDEN DELICIOUS	SQUAGO	.65	.60
Valuable for canners because of the high starch content of its flesh and the bright red-orange color of the exterior. In shape, size, and season it is practically the same as the original Delicious.			
Golden Hubbard	SEXTON	.70	.60
Earlier and smaller than Hubbard; splendid for home and market garden and commonly used for canning. Fruits globular with fairly prominent neck and blossom end; about 11 in. long and 8 in. through; deep orange-red with shallow warted; rind hard and tough; flesh thick, deep orange-yellow; fine grained and dry; of splendid quality.			
Hubbard	SETON	.80	.70
The standard winter squash for home, market garden and shipping. Fruits medium large; commonly 9-10 in. through; globular, dark bronze green, moderately warted; rind very hard and strong; flesh very thick, deep orange-yellow, fine grained and dry; of splendid quality.			
TABLE QUEEN or DES MOINES	SESSION	.65	.60
Very early; extremely prolific; one of the most popular for home, market garden and shipping. Fruits pointed acorn shape; $5\frac{1}{2}$ in. long and 4 in. through; uniformly ridged; skin smooth, dark green; shell thin; flesh light yellow, bakes dry and sweet.			

SUNFLOWER

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Mammoth Russian	SIBYL	\$0.12	\$0.08

Plants 10—12 ft. tall, with seed heads 10—12 in. across; chiefly grown for feeding poultry; sometimes in the North for silage. Seeds large, striped.

TOBACCO

		Oz.	Lb.
Connecticut Seed Leaf	TABARD	\$0.25	\$2.00
Hardy cigar variety; well adapted for growing in middle and northern States.			
Havana	TACKET	.25	2.00
Much used for cigar wrappers; leaf very thin and of fine texture.			
White Burley	TACMAN	.25	2.00
A favorite for plug fillers and wrappers.			



Drying Tomato Seed Under Natural Conditions on One of Our California Ranches

TOMATO

At our Oakview Experimental Gardens near Detroit, tomato seed is sown in the greenhouse April 25th to May 1st. The young plants are usually set in the open field early in June. Under this treatment and under very favorable circumstances, the earliest varieties produce the first picking of ripe fruits in as little as 57 days from the date of planting in the field, and other varieties are comparably early. We have used in our description the average number of days required, based on many years of observation.

According to our standard of description, those varieties which are described as producing fruits of medium size yield fruits that average 4.5 ounces to 5.4 ounces according to the variety; those which are said to produce fruits of medium large size, yield fruits which average 5.5—6 ounces; and those varieties described as large fruited, yield fruits that average 6.1 to 7.2 ounces, according to the variety. Ponderosa with extremely large fruits is in a class by itself and the Cherry, Pear, Plum and Husk tomatoes bear comparatively extremely small fruits.

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
AVON EARLY	TOMAVON	\$2.25	\$2.00

66 days. A superior variety of the Earliana class for home garden and early market. Fruits uniform, deep scarlet red; medium sized; almost globular; smooth; flesh solid.

TOMATO (Cont.)

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Bonny Best	TOMBEST	\$2.25	\$2.00
73 days. Unexcelled as a general purpose tomato; particularly valuable for forcing under glass and as a canning variety in northern sections. Fruits handsome; evenly colored bright deep scarlet-red; medium large; flattened globe shape; smooth and firm.			
Break O' Day	TOMDAY	2.75	2.40
73—75 days. We offer a superior selection of this early wilt resistant, globe-shaped shipping sort. Plants heavily productive. Fruits large, scarlet; flesh firm and of good quality. Stock grown from seed obtained from United States Department of Agriculture.			
Chalk's Early Jewel	TARENO	2.50	2.25
75 days. Splendid home and market garden variety. Very thrifty, heavily productive. Fruits scarlet-red; large; flattened globe shape; smooth and firm.			
Cooper's Special	TOMCOOP	2.65	2.40
78 days. Particularly valuable for early shipping. Plants semi-dwarf; rapidly reach peak of production. Fruits purplish-pink; medium size; globe-shaped; flesh solid.			
Dwarf Champion	TOKEN	3.25	3.00
78 days. Strictly dwarf and tree-like; requires no training to permit culture where space is limited. Fruits purplish-pink; flattened globe shape; medium size.			
Dwarf Stone	TOMSTON	3.40	3.15
81 days. Strictly dwarf and tree-like; requires no training to permit culture where space is limited. Fruits bright red, flattened globe shape, a trifle over medium size.			
Earliana	THERMAL	2.25	2.00
64—66 days. Particularly valuable for home garden and early market. Our strain is definitely superior in earliness and quality. Fruits medium size; flattened globe shape; deep scarlet-red; firm and smooth.			
Early Detroit	TOMDET	2.40	2.15
78 days. Particularly valuable for shipping. Fruits rich purplish-pink; large; globular; smooth and firm.			
Globe (Livingston's)	TOMGLO	2.65	2.40
81 days. Particularly valuable for shipping. Heavily productive. Fruits purplish-pink; large; globe-shaped; smooth and solid.			
Golden Queen	TOMGOLD	2.75	2.50
83 days. The best large yellow fruited tomato. Fruits large; deep, but flattened; bright golden yellow; firm, smooth and attractive.			
Greater Baltimore	TOMBALT	2.15	1.90
83 days. Similar to Stone and particularly valuable for canning. Heavily productive. Fruits deep scarlet-red, large, commonly weigh 6 ounces; deep, but flat; smooth; very firm and solid.			
Gulf State Market	TOMGULF	2.40	2.15
77 days. Particularly valuable for shipping. Fruits purplish-pink; large and of uniform size; globe-shaped; smooth and firm.			
John Baer	TOMBAER	2.25	2.00
73 days. Very similar in every respect to Bonny Best.			
JUNE PINK	TOMPINK	2.25	2.00
65 to 68 days. The best extra early purplish-pink variety. Similar to Earliana in every way except color.			
MARGLOBE	TOMARG	2.75	2.50
75—78 days. We offer the most superb strain of this splendid type in point of earliness, uniformity, and general desirability; particularly valuable for shipping; definite disease resistance recommends this variety for use in sections infested with Fusarium Wilt and Nail-head Rust. Plants thrifty and heavily productive, of long bearing period. Fruits uniform deep scarlet; large; uniformly globe-shaped; smooth, solid and of distinct quality.			

	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.
Morse's Special Early No. 498	TOMEARLY	\$5.50	\$5.00
Extra early; in season with Earliana; very productive. Fruits scarlet; smooth; almost globular.			
Oxheart	TOMOX	4.25	4.00
Very popular late home garden variety. Fruits very large, often weigh 1—2 lbs. or more; heart-shaped; pink; flesh solid with very few seeds, of very mild flavor, and very choice for salads.			
Ponderosa (Also known as Beefsteak).....	TIGER	4.00	3.75
85 days. One of the best for home use. Fruits deep purplish-pink; extremely large, commonly 9—12 oz. each; deep, but flat; very fleshy with few seeds; of very mild flavor.			
Pritchard (Scarlet Topper).....	TOPSCAR	2.75	2.50
Very promising heavily productive wilt resistant introduction of superior merit for home and market garden, shipping, and canning. Fruits large, globe-shaped, scarlet, and well colored about the stem end; flesh firm and of fine quality.			
STONE	TILE	2.15	1.90
85 days. Particularly valuable for the market gardener, trucker and canner. Heavily productive. Fruits uniform bright deep scarlet; large and flat, but deep; smooth and solid.			

Small Fruited Varieties used only for preserves, pickles and for decorative purposes:

Red Cherry	TOMCHER	3.75	3.50
75 days. Fruits small, round; rich deep red.			
Red Pear	TOMRED	3.75	3.50
75 days. Fruits 2 in. long; pear-formed.			
Yellow Pear	TOMPEAR	3.75	3.50
75 days. Fruits 2 in. long; pear-formed.			
Yellow Plum	TORBID	3.75	3.50
75 days. Fruits oval, 2 in. long; clear deep yellow.			
Yellow Husk or Ground Cherry	TOMHUS	3.75	3.50
(Not a true tomato; sometimes called Strawberry Tomato.) 80—85 days. Used for preserving. Fruits borne singly; small, round; enclosed in papery envelope; of rich sweet flavor.			

TURNIP WHITE FLESHED SORTS

We have indicated the number of days usually required to produce roots of good size for table use (or for storage, in the case of the large sorts primarily grown for stock feed) from seed sown the latter part of July at our Oakview Experimental Gardens near Detroit.

	Code Word	1 lb. or more per lb.	50 lbs. or more per lb.	100 lbs. or more per lb.
Cow Horn or Long White	TRIGAM	\$0.28	\$0.24	\$0.22
Table size, 65 days; full size, 75—80. Chiefly grown for stock feed, but very good for table use. Tops fairly large, erect, cut-leaved. Roots 12—15 in. long, 3 in. thick at shoulder, tapered, slightly crooked; smooth; white with pale green shoulder; mild, sweet and tender.				
EARLY PURPLE TOP, STRAP LEAVED	THUGOR	.28	.24	.22
Table size, 45 days. Very important home and market garden sort. Tops small, erect, compact. Roots flat, become 5 in. diameter and half as thick; purplish-red above and white below; flesh clear white, fine grained, mild.				
Early White Flat Dutch, Strap Leaved	TRANT	.28	.24	.22
Table size, 45 days. Important home and market garden sort. Tops small, erect, compact. Roots flat; become 5 in. diameter and half as thick; entirely white; flesh fine grained and mild.				
Extra Early Purple Top Milan	TRANCE	.35	.32	.30
Table size, 40 days. Standard sort for home and market garden and for forcing. Tops small; strap leaved. Roots flat; become 4 in. across; purplish-red above, white below; flesh white, fine grained, mild and tender.				

WHITE FLESHED SORTS (Cont.)

	Code Word	1 lb. or more per lb.	50 lbs. or more per lb.	100 lbs. or more per lb.
Extra Early White Milan	TRAMBLE	\$0.35	\$0.32	\$0.30
Table size, 40 days. Standard for home and market garden and for forcing. Tops small; strap leaved. Roots flat; become 4 in. across; entirely white; flesh fine grained, mild and tender.				
Large White Globe	TRAFFIC	.28	.24	.22
Full size, 75 days. Chiefly grown for stock feed, young roots of good quality for table use. Tops large, cut leaved. Roots large, globular, 4—5 in. diameter or greater; entirely white; flesh white, firm, moderately coarse in texture. Also known as Large White Norfolk and Pomeranian White Globe.				
PURPLE TOP WHITE GLOBE	TRELIN	.28	.24	.22
Table size, 55 days; full size 70 days. The standard home, market garden and shipping sort for table use and splendid for field culture. Tops medium large, compact, strap leaved. Roots globular, smooth; bright purplish-red above, white below; become 5—6 in. diameter; flesh white, firm; fine grained and tender when young.				
Seven Top, for Turnip Greens	TRIZON	.25	.20	.18
Standard extremely hardy foliage turnip for table and forage use. Root woody and inedible; crown sends up numerous leafy shoots which are excellent for greens and for stock to graze on.				
Shogoin or Japanese	TROJAN	.35	.32	.30
A new, extremely useful sort. It is quick growing and supplies large edible strap leaves as well as smooth globular roots of superior quality. Already popular as a dual purpose variety; also very desirable because of its resistance to aphids or plant lice.				
Southern Prize	TRAP	.25	.20	.19
Splendid foliage turnip which produces an abundance of leaves for greens and forage as well as a large, top-shaped, fleshy white root.				
White Egg	TREZ	.28	.24	.22
Table size, 55 days. Splendid home and market garden sort. Tops erect, fairly compact; cut-leaved. Roots white, smooth, grow one-half above ground, egg-shaped, become 3 in. long and 2½ in. through; flesh white, firm, fine grained, sweet and tender.				

YELLOW FLESHED VARIETIES

		.28	.24	.22
Amber Globe	TROCHE			
Large roots, 75—80 days. Of good quality but chiefly grown for stock. Tops green, leaves cut. Roots large, become 5—6 in. diameter; globular, smooth, yellow tinged with green at the top; flesh pale yellowish-white, fine grained, sweet and tender.				
Orange Jelly or Golden Ball	TRIVER	.28	.24	.22
Table size, 60 days. Splendid for table use. Tops small, cut-leaved. Roots globular, commonly 4 in. diameter; skin smooth, orange-yellow; flesh yellow, firm, fine grained and of good quality.				
Purple Top Yellow Aberdeen	TROG	.28	.24	.22
Full size, 75—80 days. The best keeper and of high quality. Tops large, cut-leaved. Roots globular or slightly flattened; large, commonly about 5 in. diameter; smooth; upper part purplish-red, lower pale yellow; flesh pale yellow, firm, but sweet and tender.				
Yellow Globe or Stone	TROUT	.28	.24	.22
Full size, 75—80 days. Keeps well and generally grown for stock feed. Tops large, leaves cut. Roots globular, commonly 4—5 in. diameter; smooth; light yellow; flesh pale yellow, crisp, firm and of mild flavor.				

RUTABAGA

Rutabagas from seed sown at our Oakview Experimental Gardens near Detroit, in July, are fully developed and fit to pull and store in about 90 days; that is, in October.

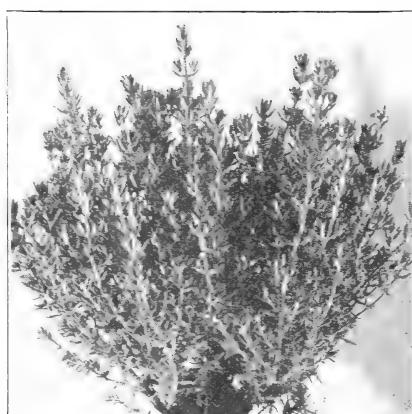
	Code Word	1 lb. or more per lb.	25 lbs. or more per lb.	100 lbs or more per lb.
American Purple Top or Improved Long Island	TROLER	\$0.25	\$0.21	\$0.20
Standard variety widely grown for market and for storage and car-lot shipment. Tops comparatively small and neck short. Roots large, spherical; deep purplish-red above ground, light yellow below; tap root small; flesh yellow, fine grained, firm, crisp, mild and sweet.				
Improved Purple Top Yellow	TROOP	.25	.21	.20
Very popular variety for market and for storage and car-lot shipment. The roots are large, globular, deep, purplish-red above ground, yellow below; flesh yellow, fine grained, firm, mild and sweet.				
Hartley's Bronze Top	TROY	.25	.21	.20
Splendid dependable variety; very popular in Canada. Roots large, globular; yellow, with bronze green top; flesh yellow, firm, crisp, tender and of good flavor.				
Monarch or Tankard	TRUCE	.25	.21	.20
Very productive variety grown on a large scale for table use as well as for stock feed. Roots very large, oval or oblong globe shape; grown $\frac{2}{3}$ above ground; purplish-violet above ground, yellow below; flesh very solid, yellow, fine grained and sweet.				
Sweet Perfection White	TRUTH	.25	.21	.20
Widely grown for table use and for stock feed; a little earlier in season than those described above. Tops small; strap leaved. Roots large; globular; neckless; white below ground, tinged with green above. Flesh white, firm, fine grained, sweet and tender.				

AROMATIC, MEDICINAL and POT HERBS

	Code Word	1 lb. or more per lb.	
Anise	ANISE	\$0.90	
(Pimpinella anisum) Annual, 12—18 in. tall; chiefly grown for aromatic seeds used in flavoring. (Not the same as Florence Fennel which is sometimes called Sweet Anise.)			
Balm	BALM	2.50	
(Melissa officinalis) Low growing perennial grown for fragrant leaves, the odor of which suggests lemon; yields valuable oil used in perfumes.			
Basil, Sweet	BASIL	.90	
(Ocimum basilicum) Annual 20—24 in. tall; entire plant has fragrant somewhat spicy aroma; used for seasoning; oil used in perfumes.			
Borage	BORAGE	.90	
(Borago officinalis) Coarse, hairy annual 2 ft. tall; large thick leaves used as pot herb and for flavoring; blue flowers highly decorative and used for garnishing; good bee plant.			
Caraway	CARAWAY	.40	
(Carum carui) Biennial; produces rosette of leaves similar to carrot first year, and branched flowering stems 24 in. tall the second year; grown chiefly for the aromatic seeds and the volatile oil.			
Caraway—for flavoring	HERBAGE	.35	
Coriander	CORIANDER	.40	
(Coriandrum sativum) Annual, 15 in. tall; grown for seeds which are used in medicine and by bakers and confectioners for flavoring.			
Coriander—for flavoring	HERBAL	.35	
Dill, Mammoth	DILL	.45	
(Anethum graveolens) Annual about 2 ft. tall; of strong aromatic odor and mildly pungent flavor; chiefly grown for seed clusters used in making dill pickles.			
Fennel, Sweet	FENNEL	.80	
(Foeniculum officinale) Perennial usually treated as annual; 3—4 ft. tall; of aromatic odor and sweet pungent flavor; seeds used for flavoring confections and medicines; differs chiefly from Florence Fennel in not having swollen leaf bases. (See page 26.)			

AROMATIC, MEDICINAL and POT HERBS (Cont.)

	Code Word	1 lb. or more per lb.
Horehound	HOREHOUND	\$2.25
(<i>Marrubium vulgare</i>) Hardy, branched, spreading perennial of strong aromatic odor; leaves used for seasoning and extract used in medical preparations.		
Hyssop	HYSSOP	3.25
(<i>Hyssopus officinalis</i>) Half hardy, shrubby perennial; 12-15 in. tall; of a strong fragrant odor and pungent flavor; extract used as stimulant, tonic and in perfumery.		
Lavender	LAVENDER	2.00
(<i>Lavandula spica</i>) Half hardy perennial 2-2½ ft. tall of a delicate aromatic odor; flower stalks dried and used in perfume and to scent linens in the home.		
Marjoram, Sweet	MARJORAM	1.00
(<i>Origanum marjorana</i>) Tender, bushy perennial 12 in. high of aromatic odor and pungent flavor; chiefly grown for tender young leaves used in seasoning.		
Rosemary	ROSEMARY	4.00
(<i>Rosmarinus officinalis</i>) Hardy perennial, 2 ft. tall of fragrant odor and warm bitter flavor; leaves used in seasoning and extracted oil used in perfumery.		
Rue	RUE	3.00
(<i>Ruta graveolens</i>) Hardy, somewhat bushy perennial 1½-2 ft. tall; of a peculiar unpleasant odor and bitter acrid flavor; used chiefly in medicine.		
Saffron	SAFFRON	1.00
(<i>Carthamus tinctorius</i>) Annual about 2 ft. tall; of tree-like habit; the numerous thistle-like flower heads used chiefly in manufacture of cosmetics; leaves used for flavoring.		
Sage, Broad Leaf	SAGE	1.25
(<i>Salvia officinalis</i>) Hardy, spreading perennial; 12-15 in. tall; of strong, pleasant aromatic odor and mildly pungent flavor; the most commonly used of all the herbs for seasoning.		
Savory, Summer	SAVORY	.75
(<i>Satureia hortensis</i>) Annual about 15 in. tall; entire plant aromatic; very popular for seasoning.		
Thyme	THYME	2.50
(<i>Thymus vulgaris</i>) Hardy perennial; about 10 in. tall; of strong agreeable aromatic odor and pungent flavor; used in medicine and for seasoning culinary preparations.		
Wormwood	WORMWOOD	3.25
(<i>Artemisia absinthium</i>) Hardy perennial forming large rosette first year and branched flowering stem 4 ft. tall the second year; of fragrant spicy odor and intensely bitter flavor; used as a tonic, vermicifuge and sometimes for seasoning.		



Thyme



Rue



Flower Beds at Our Trial Gardens

FLOWER SEEDS IN BULK CHOICE STOCKS FOR CRITICAL GROWERS

The following symbols are used in connection with every item listed:

		OZ.	1/4 LB.	LB.
A. Annual	Plants that live and bloom only one season.			
B. Biennial	Plants that live two seasons, often blooming only the second year.			
P. Perennial	Plants tending to live from year to year.			
C. Climber	Plants requiring other objects for support.			
R. Rock Garden Plants	Low growing perennials for permanent rock gardens.			
h. Hardy	Plants resistant to average seasonal extremes of low temperature.			
hh. Half-hardy	Plants which will not stand extremes of low temperature unless protected.			
t. Tender	Plants which will not stand frost and sometimes extremes of heat.			
Abronia (Sand Verbena) (hA-R 6 in.)				
Umbellata Grandiflora. Trailing, fragrant, rose colored.		\$0.20	\$0.60	\$2.00
Abutilon (Flowering Maple) (hhP 3 ft.)				
Maximum Giant Flowered Mixed	1/4 oz.	\$2.50		
Achillea (Sneezewort, Yarrow) (hP 2 ft.)				
Ptarmica, The Pearl. Excellent for cutting; small white flowers.	2.00	6.25	22.00	
Acroclinium (Everlasting) (hhA 15 in.)	Double daisy-like flowers.			
Double, Pink		.20	.55	1.80
White		.20	.55	1.80
Mixed		.20	.55	1.80
Adonis (Pheasant's Eye) (hA 1 ft.)				
Aestivalis. Small cup-shaped crimson flowers.		.20		.55
Afghan Gilliflower (See <i>Erysimum</i>)				
African Daisy (See <i>Arctotis</i> , <i>Dimorphotheca</i> , <i>Gerbera</i>)				
Ageratum Mexicanum (Floss Flower) (hA)				
Blue (18 in.) Desirable for cutting.		.20	.60	2.00
Blue Ball (8 in.) Clear blue.		.60	2.00	6.00
Tom Thumb (Little Blue Star) (4 in.) Ideal edger.		1.25	4.50	
Agrostemma , <i>Coronaria Atrosanguinea</i> (hP 18 in.)	Showy flowers like single pinks. Vivid blood-red.	.15	.45	1.30
Alonsoa , <i>Warscewiczi</i> (hA 1 ft.)	Long blooming. Vivid scarlet.	.20	.60	2.00



A Field of *Antirrhinum* (Snapdragon) on One of Our California Ranches

Alyssum

	Oz.	1/4 Lb.	Lb.
Sweet (Maritimum) (hA 10 in.)	.15	.45	1.50
Compactum erectum, Lilac Queen (hA 6 in.)	.30	.90	3.00
Little Gem White (hA 6 in.)	.20	.60	1.80
Procumbens (Carpet of Snow) (hA 4 in.) A splendid even strain	.30	.90	3.00
Saxatile compactum (Basket of Gold) (hP-R 9 in.)	.40	1.20	4.00

Amaranthus (hA)

Caudatus (Love Lies Bleeding) (3 ft.) Drooping red spiked...	.25	.70	
Tricolor (Joseph's Coat) (2½ ft.) Ornamental leaves splashed with yellow and red.....	.20	.60	2.00

Ampelopsis Veitchi (Boston Ivy).....

Anagallis (hA 8 in.) Effective edging plants.

Grandiflora Blue. A real blue.....	.50	1.50	5.00
------------------------------------	-----	------	------

Anchusa Graceful and decorative.

Capensis (Summer Forget-Me-Not) (hA 2 ft.).....	.20	.60	2.00
Italica (Dropmore) (hP 3 ft.).....	.35	1.10	3.25

Anemone Coronaria (Wind Flower) (hhP-R 10 in.)

Single, Giant de Caen. Shades of red, white, and blue.....	.45	1.30	4.50
Semi-double, St. Brigid. A brilliant, Irish sort.....	1.25	4.00	

Antirrhinum (Snapdragon) (hA)

TALL MAXIMUM (3 ft.) Produces huge spikes with very large individual blooms. Much used by florists as they make magnificent cut flowers.

Copper, Copper King.....	1.00	3.00	
Crimson.....	1.00	3.00	
Pink, The Rose.....	1.00	3.00	
White, Snowflake.....	1.00	3.00	
Yellow, Canary Bird.....	1.00	3.00	
Mixed.....	.85	2.75	9.00

INTERMEDIATE MAJUS (2 ft.) Less spindly than the taller class. Furnishes graceful spikes of closely placed blossoms.

Crimson, Crimson King.....	.50	1.50	5.00
Pink, Venus.....	.50	1.50	5.00
Rose, Brilliant Rose.....	.50	1.50	5.00
Scarlet, Defiance.....	.50	1.50	5.00
White, Queen Victoria.....	.50	1.50	5.00
Yellow, Golden King.....	.50	1.50	5.00
Mixed.....	.30	.90	3.00

GIANT BEDDING (18 in.) Bushy plants of even habit unequalled for bedding; the stems are relatively short, but the spikes are very handsome.

	Oz.	1/4 Lb.	Lb.
Canary Yellow, Ceylon Court (Florist Strain).....	\$2.50	\$7.50	
Crimson, Empress.....	.85	2.50	\$8.00
Pink, Philadelphia.....	.90	2.75	8.00
Salmon Pink, Jennie Schneider (Florist Strain).....	1.50	4.50	
Scarlet, Flame.....	.85	2.50	8.00
White, Purity.....	.85	2.50	8.00
Yellow, Golden Queen.....	.85	2.50	8.00
Mixed.....	.75	2.25	7.00

Majestic Strain (18 in.) Of equally splendid form and habit but produces noble spikes with blossoms of the largest size.

Orange, Orange King.....	1.50		
Salmon Pink, Delight.....	1.50		
Terra Cotta, Sunset.....	1.50		

Aquilegia (See Columbine)

Arabis (Rock Cress) (hP-R 6 in.) Blooms very early.

Alpina. Floriferous; pure white.....	.55	1.70	6.00
--------------------------------------	-----	------	------

Arctotis (African Daisy, blue eyed) (hA 2 ft.)

Grandis. White petals about a blue center.....	.30	1.00	
--	-----	------	--

Aristolochia (Dutchman's Pipe) (hP-C 30 ft.)

Siphon. Luxuriant large leaved climber.....	1.75		
---	------	--	--

Armeria (Thrift, Sea Pink) (hP-R 6 in.)

Maritima. Rosy pink flower clusters.....	1.25	4.00	
--	------	------	--

Asclepias (Butterfly Wild Flower) (hP 2 ft.)

Tuberosa. Brilliant orange.....	1/8 oz.	\$0.50	
---------------------------------	---------	--------	--

Asparagus

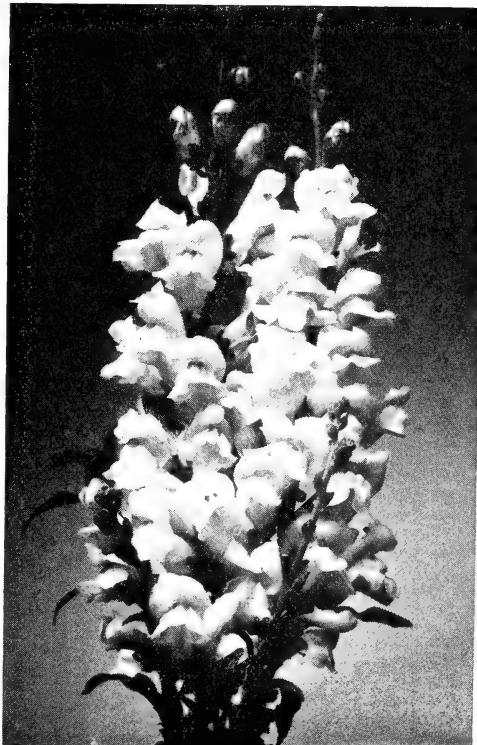
Plumosus nanus (Lace Fern) (tA 3 ft.).....	\$0.80	per 1000 Seeds	
--	--------	----------------	--

Sprengeri (Emerald Feather) (tA 4 ft.).....	\$0.80	per 1000 Seeds	
---	--------	----------------	--

Verticillatus (hP 10 ft.) Bears scarlet berries.....	1.20		
--	------	--	--



Arctotis, Grandis



Antirrhinum, Giant Bedding

Aster (hhA)

DOUBLE EARLY QUEEN OF THE MARKET (18 in.) A desirable early sort producing handsome blossoms which though rather flat are relatively broad and full, with incurved petals. Very satisfactory for cutting.

	Oz.	1/4 Lb.	Lb.
Crimson.....	\$0.85	\$2.50	\$8.00
Lavender.....	.85	2.50	8.00
Pink.....	.85	2.50	8.00
Purple.....	.85	2.50	8.00
Rose.....	.85	2.50	8.00
White.....	.85	2.50	8.00
Mixed.....	.75	2.25	7.00

DOUBLE KING (Narrow Needle Petal) (2 ft.) Radically different from all other Asters, producing large globular heads of narrow, tubular or quilled petals. Of erect, sturdy habit with long stems, and blooming ahead of most late sorts.

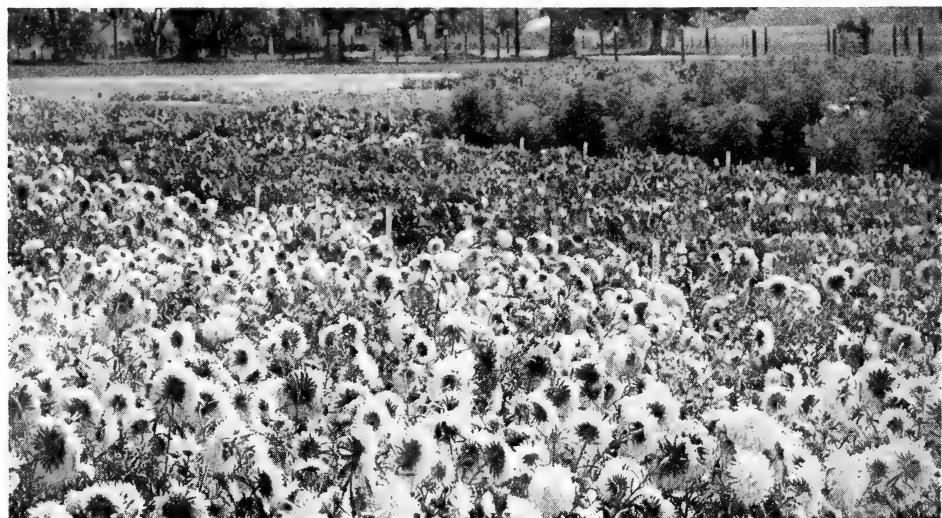
Crimson.....	.85	2.50	8.00
Lavender.....	.85	2.50	8.00
Pink.....	.85	2.50	8.00
Rose.....	.85	2.50	8.00
Violet.....	.85	2.50	8.00
White.....	.85	2.50	8.00
Mixed.....	.75	2.25	7.00

DOUBLE GIANT CREGO (2 ft.) The most popular of the "Ostrich Plume" or "Giant Comet" class. The flowers are of splendid size, have long shaggy, twisted petals, and are borne abundantly on branching robust plants. It blooms a few days after the King Varieties.

Crimson.....	.85	2.50	8.00
Pink.....	.85	2.50	8.00
Purple.....	.85	2.50	8.00
White.....	.85	2.50	8.00
Mixed.....	.60	2.00	6.00

DOUBLE GIANTS OF CALIFORNIA (2½ ft.) A type selected from the Cregos with flowers of identical form but larger and carried on longer stems. Less floriferous and 2 weeks later in season than the Cregos. Only to be preferred where the growing season is quite long.

Lavender.....	1.50	5.00	18.00
Peach Blossom.....	1.50	5.00	18.00
Purple.....	1.50	5.00	18.00
Rose.....	1.50	5.00	18.00
White.....	1.50	5.00	18.00
Mixed.....	1.25	4.00	13.50



Aster Trials at Our Experimental Gardens Near Detroit

DOUBLE AMERICAN BRANCHING (2 ft.) Furnishes most regular and symmetrical flowers. The plants are spreading and bear many good sized blooms which are fully double with evenly incurved petals. Blooms in season with the Cregos and is well suited for bedding and cutting.

	oz.	1/4 LB.	LB.
Ball's White.....	\$1.00	\$3.00	\$10.00
Lavender.....	.85	2.50	8.00
Peerless Pink.....	.85	2.50	8.00
Purple.....	.85	2.50	8.00
Rose.....	.85	2.50	8.00
Ruby Red (Heart of France).....	.85	2.50	8.00
Mixed.....	.50	1.50	5.00

DOUBLE AMERICAN BEAUTY (2½ ft.) A choice selection from the American Branching class with flowers of similar shape. Superior in size of bloom and length of stem but 2 weeks later in season. Where early frosts are not to be feared, it should be very popular.

Crimson.....	1.25	4.00	12.00
Lavender.....	1.25	4.00	12.00
Peach Blossom.....	1.25	4.00	12.00
Purple.....	1.25	4.00	12.00
Rose.....	1.25	4.00	12.00
White.....	1.25	4.00	12.00
Mixed.....	.85	2.75	10.00

GIANT CALIFORNIA SUNSHINE (2½ ft.) An improved strain of the earlier Anemone flowered Aster. The flower is composed of a single row of outer petals about a tufted center of short florets. Artistic and desirable for cutting.

Mixed.....	1.80		
------------	------	--	--

SINGLE PERENNIAL or MICHAELMAS DAISY (hP 3 ft.)
Mixed. A choice selection of colors.....

1.50	5.00	
------	------	--

Aubrieta (hP-R 6 in.) A dainty colorful creeper.

Bougainvillei. Color bluish purple.....

3.00		
------	--	--

Australian Pea Vine (See Dolichos)

Baby Blue Eyes (See Nemophila)

Baby's Breath (See Gypsophila)

Bachelor's Button (See Centaurea)

Balloon Vine (Cardiospermum, Love-in-a-puff) (hA-C 10 ft.).....

.30	.90	
-----	-----	--

Balsam (Lady's Slipper) (hA 18 in.)

DOUBLE TALL or CAMELLIA FLOWERED SORTS

Mixed (A superior blend).....	.20	.65	2.00
-------------------------------	-----	-----	------

Balsam Apple or Pear (See Momordica)

Bartonia (hA 1 ft.)

Aurea. Golden Yellow.....	.30	.90	3.00
---------------------------	-----	-----	------

Beans (See Scarlet Runner)

Beard Tongue (See Pentstemon)

Begonia (tP 1 ft.) Everblooming, bedding sorts.

Semperflorens Rosea. Bright pink.....

Vernon. Vivid red, dark leaved.....

1/4 oz.	\$0.75	
---------	--------	--

Bellis Perennis (English Daisy) (hP-R 8 in.)

DOUBLE MONSTROSA

Pink.....	1.30	4.50	
Red.....	1.30	4.50	
White.....	1.30	4.50	
Mixed.....	1.20	4.25	
Double Mixed. Smaller flowered; of highest quality.....	.60	1.60	5.50

Black-Eyed Susan (See Thunbergia)

Blanket Flower (See Gaillardia)

Blue Lace Flower (See Didiscus)

Boston Ivy (See Ampelopsis)

Bouncing Bet (See Saponaria)

Brachycome (Swan River Daisy) (hA 10 in.)

Blue.....	.60	1.90	
Mixed.....	.50	1.60	

Brazilian Morning Glory (See Ipomoea)

		Oz.	1/4 Lb.	Lb.
Browallia (hA 1 ft.)	Speciosa Major. Intense blue, white centered.			
Buddleia (Butterfly Bush or Summer Lilac) (hP 3 to 8 ft.)	Variabilis Veitchiana. Spikes of deep lilac	\$0.65	\$2.00	
Bugle Vine (See Calampelis)				
Buttercup (See Ranunculus)				
Butterfly Bush (See Buddleia)				
Butterfly Wild Flower (See Asclepias)				
Cacalia (Tassel Flower) (hA 18 in.)				
Scarlet . . . . .		.35	1.00	\$4.00
Calampells, Scabra (Bugle Vine) (tP-C 6 ft.)	Tubular orange flowers	1.00	3.00	
Calceolaria (tP 18 in.) Universally admired indoor species.	Hybrida Grandiflora Tigered and Spotted Mixed	$\frac{1}{2}$ oz.	\$2.50	
Calendula (Pot Marigold) (hA 18 in.)				
Ball's Gold (Florists' Strain) Erect, long stemmed . . . . .		.35	1.10	3.60
Ball's Orange Improved (Florists' Strain) Erect, long stemmed . . . . .		.35	1.10	3.60
Lemon Queen . . . . .			.35	1.20
Orange King. A splendid strain . . . . .			.35	1.20
Radio. Quilled petals, orange . . . . .		.35	1.00	3.00
Mixed	10 lbs. or more, \$0.80 per lb.		.30	.90
California Canterbury Bells (See Whitavia)				
California Poppy (See Eschscholtzia)				
California Tree Poppy (See Romneya)				
Calliopsis , Tall (hA)				
Mixed (2 $\frac{1}{2}$ ft.) . . . . .			.35	1.00
Calliopsis, Perennial (See Coreopsis)				



Calendula, Orange King



Carnation, First Year Giants

Campanula**MEDIUM OR CANTERBURY BELL (hB 2 ft.)**

Annual Single Mixed.....

Biennial Single Mixed. Various shades of blue, also pink, and white.....

Biennial Double Mixed. Large double flowers in blue, pink, and white.....

MEDIUM CALYCANTHEMA (Cup and Saucer) (hB 2 ft.)

Dark Blue.....

Light Blue.....

Pink.....

White.....

Mixed.....

CARPATICA (Harebell) (hP-R 8 in.) Effective in rock garden or low border.

Blue.....

PERSICIFOLIA (Peach Bells) (hP 3 ft.) A tall sort, excellent for cutting.

Blue.....

White.....

PYRAMIDALIS (Chimney Bellflower) (hP 5 ft.) Long spikes packed with starry bells.

Blue.....

White.....

Canary Bird Flower (hA-C 6 ft.) Curious pure yellow flowers; a good climber for shade.....**Candytuft (hA 1 ft.)** Especially valuable for massing and low borders.**UMBELLATA.** Compact, with flat dense clusters of small florets.

Lilac.....

Purple.....

Rose Cardinal.....

White.....

Mixed.....

EMPRESS OR ROCKET. Snowy white with extra large trusses**GIANT HYACINTH FLOWERED WHITE.** White spikes like

perfect hyacinths.....

Candytuft, Perennial (See Iberis)**Canna (tP 3 ft.)****Large Flowering Mixed.** Large leaves of green and bronze with flowers in many vivid hues.....**Canterbury Bell (See Campanula)****Cardinal Climber (Ipomoea Quamoclit Hybrida) (hA-C 15 ft.)** A rapid climber with fiery red blooms.....**Cardinal Flower (See Lobelia Cardinalis)****Cardiospermum (See Balloon Vine)****Carnation (Dianthus Caryophyllus) (tP)****CHABAUD GIANT (18 in.)** A perpetual flowering strain which blooms in the first six months.

Cardinal Red.....

Deep Rose.....

Salmon.....

Yellow.....

White.....

Mixed.....

MARGUERITE (20 in.) Blooms in five months and may be treated as an annual.

Double Mixed (Superior quality).....

Castor Bean (See Ricinus)**Celosia (hA)****DWARF CRESTED (Cristata, Cockscomb) (10 in.)** Curious comb-shaped flowers in vivid colors.

Empress. Large crimson combs, rich bronze foliage.....

Rose. Beautiful rose colored crests.....

Yellow. Combs of rich golden yellow.....

Mixed (Of highest quality).....

FEATHERED (Plumosa) (3 ft.) Stately pyramidal plants with graceful plumed flowers.

Crimson.....

Golden Yellow.....

Mixed.....

CHILDSI (Chinese Woolflower) (2 ft.)

Crimson. A profusion of large crimson balls.....

	Oz.	1/4 Lb.	Lb.
Annual Single Mixed.....	\$0.20	\$0.55	\$1.80
Biennial Single Mixed. Various shades of blue, also pink, and white.....			
Biennial Double Mixed. Large double flowers in blue, pink, and white.....	.45	1.40	4.50

MEDIUM CALYCANTHEMA (Cup and Saucer) (hB 2 ft.)			
Dark Blue.....	1.00	3.00	10.00
Light Blue.....	1.00	3.00	10.00
Pink.....	1.00	3.00	10.00
White.....	1.00	3.00	10.00
Mixed.....	.85	2.50	8.00

CARPATICA (Harebell) (hP-R 8 in.) Effective in rock garden or low border.			
Blue.....	.45	1.40	4.50

PERSICIFOLIA (Peach Bells) (hP 3 ft.) A tall sort, excellent for cutting.			
Blue.....	1.25		
White.....	1.25		

PYRAMIDALIS (Chimney Bellflower) (hP 5 ft.) Long spikes packed with starry bells.			
Blue.....	1.25		
White.....	1.25		

Canary Bird Flower (hA-C 6 ft.) Curious pure yellow flowers; a good climber for shade.....			
Canary Bird Flower (hA-C 6 ft.) Curious pure yellow flowers; a good climber for shade.....	.20	.65	2.00

Candytuft (hA 1 ft.) Especially valuable for massing and low borders.			
Candytuft (hA 1 ft.) Especially valuable for massing and low borders.	.20	.55	1.80

UMBELLATA. Compact, with flat dense clusters of small florets.			
UMBELLATA. Compact, with flat dense clusters of small florets.	.20	.55	1.80

Lilac.....	.20	.55	1.80
Purple.....	.20	.55	1.80
Rose Cardinal.....	.30	.90	2.80
White.....	.20	.55	1.80

Mixed.....	.15	.40	1.20
EMPRESS OR ROCKET. Snowy white with extra large trusses	.15	.50	1.50

GIANT HYACINTH FLOWERED WHITE. White spikes like	.40	1.20	4.00
perfect hyacinths.....			

Candytuft, Perennial (See Iberis)			
Canna (tP 3 ft.)	.25	.70	2.25

Large Flowering Mixed. Large leaves of green and bronze with flowers in many vivid hues.....			
Large Flowering Mixed. Large leaves of green and bronze with flowers in many vivid hues.....	.40	1.25	4.00

Cardinal Climber (Ipomoea Quamoclit Hybrida) (hA-C 15 ft.) A rapid climber with fiery red blooms.....			
Cardinal Climber (Ipomoea Quamoclit Hybrida) (hA-C 15 ft.) A rapid climber with fiery red blooms.....	.40	1.25	4.00

Cardinal Flower (See Lobelia Cardinalis)			
Cardiospermum (See Balloon Vine)			

Carnation (Dianthus Caryophyllus) (tP)			
CHABAUD GIANT (18 in.) A perpetual flowering strain which			
blooms in the first six months.			
Cardinal Red.....	1.50		

Deep Rose.....	1.50		
Salmon.....	1.50		
Yellow.....	1.50		
White.....	1.50		

Mixed.....	1.00	3.25	
MARGUERITE (20 in.) Blooms in five months and may be			
treated as an annual.			

Double Mixed (Superior quality).....	.50	1.60	5.50
--------------------------------------	-----	------	------

Castor Bean (See Ricinus)			
---------------------------	--	--	--

Celosia (hA)			
DWARF CRESTED (Cristata, Cockscomb) (10 in.) Curious			
comb-shaped flowers in vivid colors.			
Empress. Large crimson combs, rich bronze foliage.....	1.00	3.50	

Rose. Beautiful rose colored crests.....	1.00	3.50	
Yellow. Combs of rich golden yellow.....	1.00	3.50	
Mixed (Of highest quality).....	.85	3.00	9.00

FEATHERED (Plumosa) (3 ft.) Stately pyramidal plants			
with graceful plumed flowers.			
Crimson.....	.75	2.25	
Golden Yellow.....	.75	2.25	
Mixed.....	.40	1.20	3.75

CHILDSI (Chinese Woolflower) (2 ft.)			
Crimson. A profusion of large crimson balls.....	.50	1.50	6.00

Centaurea

CYANUS DOUBLE (Bachelor Button) (hA 2 ft.) The ever-popular cornflower.

	Oz.	1/4 Lb.	Lb.
Blue.....	\$0.20	\$0.65	\$2.00
Rose.....	.25	.75	2.25
White.....	.25	.75	2.25
Mixed.....	.15	.45	1.50

IMPERIALIS (Sweet Sultan) (hA 2½ ft.) Large fluffy flowers, sweet scented.

Amaranth Red.....	.35	1.00	4.00
Lavender.....	.35	1.00	4.00
Purple.....	.35	1.00	4.00
White.....	.35	1.00	4.00
Yellow (Suaveolens).....	.35	1.00	4.00
Mixed.....	.30	.85	2.50

GYMNOCARPA (Dusty Miller) (hP 18 in.) Silvery-gray low border foliage plant.

Cerastium (Snow-in-Summer) (hP-R 6 in.) Foliage and flowers form a snowy mass.

Tomentosum.....	.90	2.75	9.00
-----------------	-----	------	------

Cheiranthus, Allioni (Siberian Wallflower) (hB-R 12 in.) Rich orange colored flowers. A biennial that blooms the first year...

Chilian Jasmine (See Mandevillea)

Chinese Forget-Me-Not (See Cynoglossum)

Chinese Lantern (See Physalis)

Chrysanthemum (hA) Daisy-like flowers quite distinct from the Japanese varieties.

DOUBLE CORONARIUM (2 ft.)

White.....	.20	.55	
Yellow.....	.20	.55	
Mixed.....	.15	.40	1.20

SINGLE ANNUAL (20 in.) A free flowering class, excellent for bouquets.

Eastern Star. Primrose with brown centers.....	.20	.55	
Evening Star. Golden flowers, discs of deep yellow.....	.20	.55	
Morning Star. Pale yellow, ringed brighter, golden disc.....	.20	.55	
Northern Star. Large, white, zoned yellow, brown disc.....	.20	.55	
Mixed.....	.15	.40	1.20

Chrysanthemum, Perennial (See Shasta Daisy)

Cineraria (tP) Unsurpassed pot plants for the home or conservatory.

Hybrida Large Flowered Mixed (16 in.) Our own growth; superb quality..... $\frac{1}{8}$ oz. \$3.50; $\frac{1}{4}$ oz. \$12.00

Stellata Mixed. (2 ft.) Large plant; very floriferous. $\frac{1}{4}$ oz. \$2.80

40.00

9.00

Cinquefoil (See Potentilla)

Clarkia, Double (hA 2 ft.) Small carnation-like flowers in soft pastel tints.

Chamois Queen. Attractive rosy buff flowers.....	.35	1.00	3.00
Orange King. Salmon-orange; good greenhouse variety.....	.35	1.00	3.00
Salmon Queen. Delicate salmon-pink.....	.35	1.00	3.00
White.....	.35	1.00	3.00
Mixed (First quality).....	.25	.70	2.25

Cleome (Spider Plant) (hA 4 ft.)

Pungens.....

Cobaea Scandens (hhP-C 30 ft.) A rapid growing, decorative climber.

Violet.....

.20

.60

2.00

Coix Lachryma (See Job's Tears)

Coleus, Large Leaved (tP 12 in.) Most useful for potting, window boxes, and bedding.

Finest Mixed..... $\frac{1}{4}$ oz. \$1.25

4.00

Collinsia (hA 18 in.)

Mixed.....

.30

.90

Columbine (Aquilegia) (hP 2½ ft.)

LONG SPURRED. Large single flowers with remarkably long spurs.

Blue Shades.....	3.00		
Orange and Scarlet Shades.....	3.00		
Pink Shades.....	3.00		



Columbine, Mrs. Scott-Elliott's Hybrids

Columbine (Continued)

	Oz.	1/4 Lb.	Lb.
IMPERIAL HYBRIDS, MIXED. A splendid collection of vigorous, extra long-spurred hybrids.....	\$2.00	\$7.00	\$20.00
COERULEA (Rocky Mountain Columbine) Blue.....	2.00		
DOUBLE, Mixed. Compact flowers in a variety of rich hues....	.30	1.00	3.20

Cone Flower (See Rudbeckia)

Convolvulus (See Morning Glory)

Coral Bells (See Heuchera)

Coreopsis, Lanceolata Grandiflora (hP 2 ft.) A most satisfying perennial.

Single. Silky fluted petals of chrome yellow.....	.20	.60	1.80
Semi-double.....	.40	1.30	4.50

Coreopsis, Annual (See Calliopsis)

Cosmidium, Burridgeanum (hA 2 ft.) Resembles Calliopsis and blooms all summer. Maroon centers edged with orange-yellow.....

.20	.55	2.00
-----	-----	------

Cosmos (hA)

EARLY DOUBLE CRESTED (3 ft.) Some of the flowers have attractive crests which completely cover the centers.

Crimson.....	1.50		
Pink.....	1.50		
White.....	1.50		
Mixed.....	1.25	4.25	

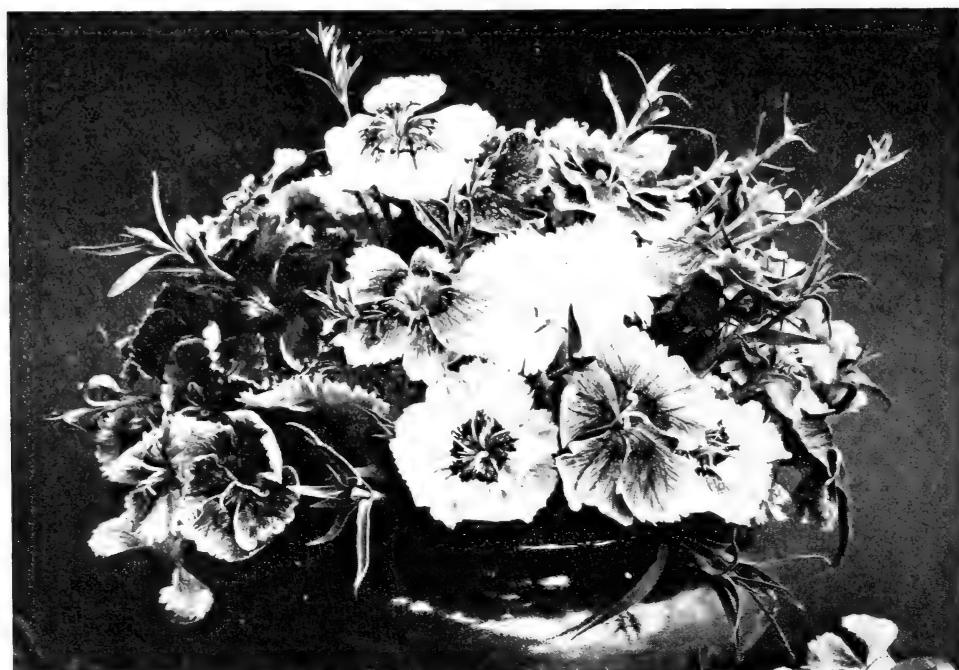
EARLY MAMMOTH SINGLE (4 ft.) Particularly adapted to Northern latitudes.

Crimson.....	.20	.60	2.20
Pink.....	.20	.60	2.20
White.....	.20	.60	2.20
Mixed.....	.15	.45	1.60

LATE MAMMOTH SINGLE (5 ft.) Vigorous plants and magnificent flowers.

Klondyke Orange.....	.50	1.50	
Crimson.....	.15	.45	1.50
Pink.....	.15	.45	1.50
White.....	.15	.45	1.50
Mixed.....	.35		1.00

		Oz.	1/4 Lb.	Lb.
Cynoglossum (Chinese Forget-Me-Not) (hA 2 ft.) A recent valuable addition to our annuals.		\$0.15	\$0.45	\$1.50
Amabile Blue. A rich turquoise blue.....				
Cypress Vine (Ipomoea Quamoclit) (hA-C 8 ft.)				
Scarlet.....	.15	.40	1.30	
White.....	.15	.40	1.30	
Mixed.....	.15	.35	1.20	
Dahlia (tP 3 ft.) Splendid flowers grown from seed.				
Cactus Mixed. Fine double flowers with shaggy twisted petals.				
Double Mixed. Finest fluffy flowers in vivid colorings.....	1.50			
Single Mixed. Daisy-like flowers, many glowing colors.....	.35	1.00	3.20	
Daisy (See <i>Arctotis</i> , <i>Bellis</i> , <i>Brachycome</i> , <i>Dimorphotheca</i> , <i>Gerbera</i> , <i>Shasta Daisy</i>)				
Delphinium (hP)				
DWARF CHINESE (2 ft.) Dainty plants desirable for low borders. Bloom the first year.				
Azule Fairy. Charming soft sky blue.....	.85	2.50		
Blue Butterfly. Intense gentian blue.....	.50	1.50		
TALL HYBRIDS (5 ft.)				
Belladonna. A clear light blue.....	1.75	6.00		
Bellamosum. Deep intense blue.....	1.75	6.00		
Giant Hybrids Mixed.....	.75	2.25	8.00	
BLACKMORE AND LANGDON HYBRIDS Hollyhock type; massive flower spikes	1/4 oz. \$0.75	2.50	9.00	
Delphinium, Annual (See Larkspur)				
Dew Plant (See <i>Mesembryanthemum</i>)				



Dianthus Hedgewigii, Single Mixed

		Oz.	1/4 Lb.	Lb.
Dianthus (Pinks)				
Chinensis, Double Mixed (hA 12 in.) Fringed double flowers in clusters.....	\$0.20	\$0.70	\$2.40	
Hedgewigii Laciniatus Double Mixed (Japan) (hA 12 in.) It rivals the carnation in size.....	.35	1.10	3.80	
Single Mixed (hA 12 in.) Beautifully marked, with fringed petals.....	.20	.65	2.20	
Plumarius, Single and Semi-double Mixed (hP 12 in.) A perennial strain with rich clove scent.....	.85	2.50		
Dianthus (See also Carnation, Sweet William)				

SEED GROWERS

69

	Oz.	1/4 Lb.	Lb.
Didiscus, Coeruleus Blue (Blue Lace Flower) (hA 2½ ft.)	\$0.55	\$1.60	\$5.80
A useful florist's plant.....			
Digitalis (Foxglove) (hP 3 ft.)			
GLOXINIAEFLORA (Spotted) Long, graceful spikes of large thimble-shaped blossoms.			
Rose.....	.35	1.00	
White.....	.35	1.00	
Mixed.....	.25	.75	2.50
Dimorphotheca (African Daisy)			
Ecklonis (tP 13 in.) White, ringed blue.....	1.50		
Hybrids (hA 10 in.) Many hues of yellow and orange.....	.55	1.75	
Orange (hA 10 in.) A beautiful bright orange.....	.55	1.75	
Dolichos			
Lablab Mixed (Hyacinth Bean) (hA-C 10 ft.) Produces spikes of pea-like flowers in shades of purple and white; a rapid grower.....		.25	.70
Lignosus (Australian Pea Vine) (tP-C 12 ft.) Rich bright green foliage and rose-colored pea-shaped flower clusters.	.40	1.30	4.40
Dusty Miller (See Centaurea)			
Dutchman's Pipe (See Aristolochia)			
Emerald Feather (See Asparagus Sprengerii)			
English Daisy (See Bellis)			
Erinus (hP-R 4 in.)			
Alpinus Mixed. Many tiny spires of white and purplish-violet blossoms rise above rosetted leaves.....	1/16 oz.	\$1.20	
Erysimum , Perofskianum (Afghan Gilliflower) (hA 12 in.)			
Spikes of rich orange color.....	.15	.40	1.20
Eschscholtzia (California Poppy) (hA 12 in.)			
Autumn Glory. Frilled flowers of beautiful orange-crimson color.	.25	.75	2.50
Extra Golden. Large flower of pure orange.....		.35	1.00
Ramona. Copper gold, shading to pink.....	.80	2.50	
Sunlight. Pure canary yellow.....	.20	.60	2.00
White. Rich satiny white.....		.35	1.00
Mixed.....		.35	1.00
Eschscholtzia, Bush (See Hunnemannia)			
Euphorbia (hA 2 ft.)			
Heterophylla (Annual Poinsettia, Painted Leaf).....	.40	1.20	4.40
Variegata (Snow-on-the-Mountain).....	.20	.65	2.20
Evening Glory (See Ipomoea)			
Evening Primrose (See Oenothera)			
Evening Scented Stock (See Matthiola)			
Everlastings (See Acroclinium, Globe Amaranth, Helichrysum, Rhodanthe, Statice, Xeranthemum)			
False Dragon Head (See Physostegia)			
Feverfew (See Matricaria)			
Floss Flower (See Ageratum)			
Flowering Maple (See Abutilon)			
Flowering Sage (See Salvia)			
Forget-Me-Not (See Myosotis)			
Four O'Clock (Marvel of Peru) (tP 2 ft.)			
TALL			
Red.....	.30	1.00	
Striped.....	.30	1.00	
White.....	.30	1.00	
Mixed.....	10 lbs. or more, \$0.55 per lb.	.20	.60
Foxglove (See Digitalis)			
Gaillardia (Blanket Flower)			
PICTA (hA 18 in.)			
Single Mixed. Purplish-crimson and yellow.....	.20	.60	2.00
Double Lorenziana Mixed. Sulphur, orange, and claret.....	.30	.80	3.00
GRANDIFLORA (hP 2 ft.)			
Portola Hybrids. Semi-double, bronzy red tipped with gold.....	.75	2.75	9.00
Mixed. Rich maroon centers circled by orange edges.....	.35	1.10	3.50
Geranium (Pelargonium) (tP 2 ft.)			
Lady Washington. Large flowers often beautifully blotched.			
Zonale. Free blooming, with rich, variegated leaves.....	1.50		

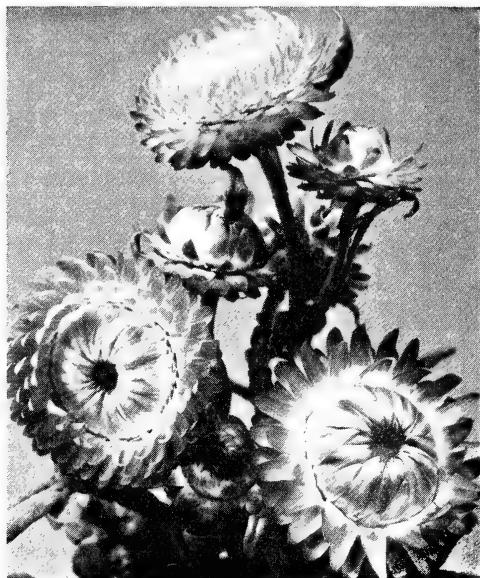
		Oz.	1/4 Lb.	Lb.
Gerbera (Transvaal Daisy) (tP 18 in.)				
Jamesoni Hybrids Mixed. Amber, salmon, rose, to rich ruby red	.....		\$2.20 per 1000 seeds	
Geum (hP 2 ft.)				
Double Golden Ball (Lady Stratheden) Rich golden yellow	....	\$1.40	\$5.00	
Double Scarlet (Mrs. Bradshaw) Dazzling	.....	.75	2.75	\$9.00
Gilia (hA 2 ft.)				
Capitata, Lavender Blue. (Blue Thimble Flower) Dainty globular flowers	.....	.15	.40	1.40
Tricolor (Bird's Eyes) Lavender blue with purple throats	.....	.15	.40	1.40
Globe Amaranth (Gomphrena, Everlasting) (hA 18 in.) For winter bouquets.				
Mixed. Purplish-red, pink, white, and striped	.....		.15	.35
Gloxinia (tP 10 in.)				
Hybrida Grandiflora Mixed. Velvety trumpet-shaped flowers, beautifully spotted.				
Gloxinia, Hardy (See Incarvillea)				
Godetia (hA)				
SEMI-DWARF SINGLE (12 in.)				
Duchess of Albany. Fine satiny white flowers	.....	.25	.85	3.00
Gloriosa. Very showy, with brilliant deep crimson blossoms	.....	.40	1.20	4.00
Mixed	.....	.20	.60	2.00
TALL DOUBLE (2 ft.)				
Bright Pink. Large dainty pink flowers	.....	.30	.85	3.00
Crimson. Widely margined with rose red	.....	.30	.85	3.00
Mauve. Most attractive mauve-lilac	.....	.30	.85	3.00
Mixed	.....	.20	.70	2.50
Golden Moss (See Sedum)				
Golden Feather (See Pyrethrum)				
Gourd (hA-C 12 ft.)				
Dipper	.....		.35	1.20
Dishcloth, or Luffa	.....		.35	1.20
Hercules' Club	.....	.15	.40	1.40
Mixed. All kinds	.....		.35	1.20
Gypsophila (Baby's Breath)				
Elegans Large Flowering White (Paris Market) (hA 2 ft.) An improved strain	.....		10 lbs. or more, \$0.80 per lb.	
Paniculata Double White (hP 3 ft.) Best quality. Very desirable for cutting	.....		.30	.90
Helianthus (See Sunflower)				3.00



Gypsophila Paniculata, Double White



Globe Amaranth



Helichrysum

Helenium (Sneezewort) (hP 4 ft.)

Autumnale Superbum. Deep golden color.

Helichrysum (Strawflower) (hA 2½ ft.) Best of all Everlastings.

	Oz.	¼ Lb.	Lb.
Buttercup.....	\$0.40	\$1.25	
Copper King.....	.40	1.25	
Fireball.....	.40	1.25	
Golden Ball.....	.40	1.25	
Pink.....	.40	1.25	
Rose Queen.....	.40	1.25	
Salmon.....	.40	1.25	
Mixed A superior blend.....	.25	.80	\$2.75

Heliotrope (tP 2 ft.)

Dark Varieties Mixed.....

.90 3.00 9.50

Hesperis Matronalis (Sweet Rocket) (hP 18 in.) Open clusters of blossoms. Excellent for cutting.

Purple.....	.15	.40	1.30
White.....	.15	.40	1.30

Heuchera, Sanguinea (Coral Bells) (hP-R 12 in.)

Crimson rose. Bell-shaped flowers in little clusters... ¼ oz. \$1.50

Hibiscus (Mallow) (hP)

Assurgentiflora (California Windbreak) (6 ft.) Pale blue flowers	.30	1.00	
Golden Bowl (4 ft.) Light golden with velvety centers.....	.40	1.30	
Marvels Mixed (4 ft.) Large, flowers of red, rose, and white...	.35	1.20	

Hollyhock (hP)

ALLEGHENY (7 ft.) Tall growing, semi-double.

Alameda Pink.....	.80	2.50	9.00
Mixed.....	.30	.90	3.20

DOUBLE (5 ft.) Handsome extremely double flowers.

Crimson.....	.80	2.80	
Deep Rose.....	.80	2.80	
Newport Pink.....	.80	2.80	
Salmon.....	.80	2.80	
Scarlet.....	.80	2.80	
White.....	.80	2.80	
Yellow.....	.80	2.80	
Mixed.....	.60	2.00	7.00

TRIUMPH (5 ft.) Early; semi-double; fringed; pastel shades.

Mixed... 1.75 6.00

Honesty (See Lunaria)

		OZ.	1/4 LB.	LB.
Humulus Japonicus (hA-C 15 ft.) A sturdy vigorous climber. Variegated Leaved.....		\$0.25	\$0.75	
Hunnemannia , <i>Fumariaefolia</i> (Bush <i>Eschscholtzia</i>) (hA 18 in.) Large lemon-yellow flowers suitable for cutting.....		.35	1.15	\$4.00
Hyacinth Bean (See <i>Dolichos</i>)				
Iberis , <i>Gibraltarica</i> (Perennial Candytuft) (hP-R 8 in.) Small lilac flowers in clusters.....		.65	2.00	7.50
Iceplant (See <i>Mesembryanthemum</i>)				
Incarvillea , <i>Delavayi</i> (Hardy <i>Gloxinia</i>) (hP 18 in.) Rich rose carmine with bronze throat markings.....	1/4 oz.	\$1.00		
Ipomoea (hA-C 12 ft.)				
Bona Nox (Evening Glory) Violet-hued flowers.....		.15	.40	1.30
Early Flowering Sky Blue (Heavenly Blue) Clear sky blue with cream-colored throats.....		.65	2.00	7.00
Grandiflora Alba (Moon Flower) Very large, pure white, sweet- scented flowers.....		.20	.65	2.10
Imperialis Large Flowered Mixed (Japanese Morning Glory) Handsome, large blooms in radiant colors.....	10 lbs. or more, \$0.70 per lb.		.30	.80
Setosa (Brazilian Morning Glory) Pretty blue or purple flower with pink star.....		.20	.70	2.40
Ipomoea, <i>Quamoclit</i> (See <i>Cardinal Climber</i> and <i>Cypress Vine</i>)				
Jack-and-the-Bean-Stalk (See <i>Kudzu Vine</i>)				
Japanese Bell Flower (See <i>Platycodon</i>)				
Japanese Hop (See <i>Humulus</i>)				
Job's Tears (<i>Coix Lachryma</i>) (hA 12 in.) An ornamental grass bearing lustrous gray seeds.....		.15	.50	
Joseph's Coat (See <i>Amaranthus Tricolor</i>)				
Kaulfussia (hA 10 in.)				
Amelloides, Blue. Single Aster-like flowers of intense blue.....		.55		
Kenilworth Ivy (See <i>Linaria</i>)				
Kochia (Mexican Fire Bush, Summer Cypress) (hA 2 1/2 ft.) A favorite hedge plant with moss-like foliage. Childsii.....		.30	.90	
Kudzu Vine (<i>Pueraria Thunbergiana</i> , Jack-and-the-Bean-Stalk) (hP-C 30 ft.) Surpasses all other vines for strength and extent of growth.....		.15	.50	1.70
Lace Fern (See <i>Asparagus Plumosus Nanus</i>)				
Lady's Slipper (See <i>Balsam</i>)				
Lantana , <i>Hybrida</i> Mixed (tP 2 ft.) Verbena-like clusters of fragrant flowers. Shades of crimson, rose, orange, and yellow.....		.35	1.00	
Larkspur (hA 3 ft.)				
DOUBLE TALL STOCK FLOWERED				
Branching Sorts				
Dark Blue or Purple.....		.25	.80	3.00
Lustrous Carmine.....		.25	.80	3.00
Pink.....		.40	1.25	4.50
Sky Blue.....		.25	.80	3.00
White.....		.25	.80	3.00
Mixed.....		.20	.60	2.00
Upright Class. Produces long stems for cutting.				
Exquisite Pink Improved. Salmon pink.....		.50	1.50	
Los Angeles. Deep salmon rose.....		.60	1.80	
White Spire.....		.80	2.50	
Mixed.....		.50	1.50	
GIANT HYACINTH FLOWERED. Large spike packed with fine double blooms. Non-branching.				
Mixed.....		.40	1.25	
Lathyrus , <i>Latifolius</i> (Perennial Sweet Pea) (hP-C 5 ft.) Hand- some Sweet Pea-like flowers borne in loose clusters.				
Crimson.....		.40	1.25	
Pink Beauty.....		.40	1.25	
White.....		.50	1.50	
Mixed.....		.25	.80	3.00
Lavatera (Annual Mallow) (hA 3 ft.)				
Splendens Alba. Large silky white flowers.....		.20	.65	2.00
Splendens Rosea. Bright rose-pink flowers.....		.20	.65	2.00

		OZ.	1/4 LB.	LB.
Lavender (Lavandula Vera) (hP 2 ft.) Highly ornamental and sweet scented.....		\$0.50	\$1.60	
Leptosyne (Sea Dahlia) (tP 20 in.) Maritima. Large, yellow, daisy-like flowers, excellent for cutting.	.50		1.50	
Lilium , Regale (hP 3 ft.) Fragrant, white trumpet flowers.....	.50			
Linaria Cymbalaria (Kenilworth Ivy) (hP-C 3 ft.) Lavender with orange lips. Plant suitable for rock work.....	.75			
Maroccana Mixed (hA 15 in.) Vivid shades of crimson, orange, and blue. Fine for massing and cutting.....	.20	.55	\$1.80	



Lobelia, Celestial

		OZ.	1/4 LB.	LB.
Linum Grandiflorum Rubrum (Scarlet Flax) (hA 18 in.) Glossy red flowers with dark centers.....	\$0.10	\$0.30	\$1.00	
Perenne Blue (hP 18 in.) Sky blue blossoms veined with darker blue, light centers.....	.20	.65	2.25	
Lobelia Cardinalis (Cardinal Flower) (hP 2 ft.) Long showy spikes of dazzling scarlet.				
Celestial or True Blue (hA 4 in.) Bright blue flowers with tiny white throats.....	1.00	3.25	11.50	
Crystal Palace Compacta (hA 4 in.) Blooms of deepest blue...	1.00	3.25	11.50	
Love-in-a-Mist (See Nigella)				
Love-in-a-Puff (See Balloon Vine)				
Love-Lies-Bleeding (See Amaranthus Caudatus)				
Lunaria , Biennis (Honesty, St. Peter's Penny, Money Plant) (hB 2 1/2 ft.) Very ornamental in winter bouquets.....	.40	1.25	4.00	
Lupin HARTWEGII (hA 2 ft.) The best annual type for cutting.				
Dark Blue.....	.20	.55	1.80	
Light Blue.....	.20	.55	1.80	
Rose.....	.20	.55	1.80	
Mixed.....	.15	.45	1.50	
TEXENSIS (Texas Blue Bonnet) (hA 12 in.) Very useful in dry places.....	.10	.30	.90	
POLYPHYLLUS Mixed (hP 3 ft.) Tall growing, hardy, with a long succession of vari-colored flowers.....	.20	.65		



Nasturtium, Double Golden Gleam



Marigold, Guinea Gold

Mallow (See *Hibiscus*, *Lavatera*)**Mandevillea** (Chilian Jasmine) (tP-C 10 ft.)

Suaveolens. Large white or yellow waxy blossoms.

Marigold (hA)AFRICAN (*Tagetes Erecta*)

	Oz.	1/4 Lb.	Lb.
GUINEA GOLD (2 ft.) Carnation flowered; floriferous; excellent for cutting	\$1.00		
TALL DOUBLE (2½ ft.)			
Lemon Queen. Clear lemon yellow.....	.45	\$1.40	\$4.80
Orange Prince. Rich deep orange.....	.45	1.40	4.80
Mixed.....	.30	.80	2.80
FRENCH (<i>Tagetes Patula</i>)			
TALL DOUBLE (2½ ft.)			
Dark Brown.....	.25	.75	2.60
Gold Striped.....	.50	1.50	5.00
Lemon.....	.25	.75	2.60
Orange.....	.25	.75	2.60
Mixed.....	.20	.65	2.20
DWARF DOUBLE (10 in.)			
Gold Striped.....	.30	.90	3.20
Golden Ball.....	.30	.90	3.20
Light Yellow.....	.30	.90	3.20
Maroon.....	.30	.90	3.20
Mixed.....	.20	.65	2.30
DWARF SINGLE (8 in.)			
Legion of Honor.....	.25	.75	2.50
Marvel of Peru (See Four O'Clock)			
Matricaria, Capensis (Feverfew) (hP 2 ft.)			
Dainty, white, button-like blossoms in clusters (First quality)...	.30	.85	3.00
Matthiola, Bicornis (Evening Scented Stock) (hA 15 in.)			
Mauve-colored flowers with a sweet perfume.....	.15	.40	1.20
Mesembryanthemum (hA 6 in.)			
Crystallinum (Ice Plant) Hardy plant for dry banks and rock gardens. Sparkling foliage.....	.20	.55	1.80
Tricolor (Dew Plant) Brilliant floriferous sort for dry banks and rockeries.....	.75	2.50	
Mexican Fire Bush (See <i>Kochia</i>)			
Mexican Sunflower (See <i>Tithonia</i>)			

	Oz.	1/4 Lb.	Lb.
Mignonette (hA 12 in.) A favorite with florists for fragrance.			
Golden Goliath.....	\$0.65	\$1.80	
Red Goliath.....	.65	1.80	
White Goliath.....	.65	1.80	
Machet.....	.15	.45	\$1.50
Mimosa, Pudica (Sensitive Plant) (hA 12 in.).....	.25	.75	2.50
Mimulus (tP 10 in.)			
Moschatus (Musk Plant) Small yellow tubular flowers....	2.25		
Tigrinus (Monkey Flower) Large brilliantly colored flowers.	1.00		
Mina Lobata (hA-C 12 ft.) The tubular flowers change from orange to primrose.....	1.00		
Momordica (hA-C 10 ft.) An excellent background climber producing interesting fruit.			
Balsam Apple (Balsamina).....	.20	.65	2.40
Balsam Pear (Charantia).....	.20	.65	2.40
Mixed Apple and Pear.....	.20	.65	2.40
Monkey Flower (See Mimulus)			
Moon Flower (See Ipomoea)			
Morning Glory (Convolvulus Major) (See also Ipomoea) (hA-C 10 ft.)			
Blue.....	.30		.80
Crimson.....	.30		.80
Mixed.....	.20		.50
10 lbs. or more \$0.45 per lb.			
Moss Rose (See Portulaca)			
Mourning Bride (See Scabiosa)			
Musk Plant (See Mimulus)			
Myosotis (Forget-Me-Not) (hhP-R 8 in.)			
Alpestris Blue. Clear wedgewood blue flowers.....	.30	.85	3.00
Myrsiphyllum Asparagoides (See Smilax)			
Nasturtium (hhA)			
TALL (Trailing) (5 ft.)			
Brilliant. Bright scarlet with dark leaves.....	.20		.55
Crimson. Dark crimson flowers of velvety substance.....	.20		.55
Dunnett's Orange. Rich orange color.....	.20		.55
Golden Queen. Rich sunflower yellow; dark leaves.....	.20		.55
Ruby. A charming hue of brilliant rose.....	.20		.55
Mixed (Best quality).....	100 lbs. or more, \$0.30 per lb.		
.15		.40	
DWARF (12 in.)			
Aurora. A handsome terra-cotta coloring.....	.20		.55
Crimson.....	.20		.55
Empress of India. Vivid scarlet flowers; dark leaves.....	.20		.55
Golden King. Dark foliage and golden yellow flowers.....	.20		.55
Vesuvius. Salmon red; dark leaves, very brilliant color.....	.20		.55
Mixed (Best quality).....	100 lbs. or more, \$0.32 per lb.		
.15		.40	
DOUBLE GOLDEN GLEAM (3 ft.) Abundant semi-double flowers of brilliant yellow, long stemmed, and fragrant..	.30	1.00	3.50
Nemesia (hA)			
COMPACTA (8 in.)			
Blue Gem. Clear light blue flowers.....	1.40		
Triumph Mixed. A brilliant blend.....	1.25	4.00	
GRANDIFLORA (12 in.)			
Suttoni Mixed. Red, yellow, and orange.....	1.25		
Nemophila, Insignis Blue (Baby Blue Eyes) (hA 6 in.) Dainty sky blue, lighter at center.....	.15	.40	1.50
Nicotiana (hhA 2 ft.)			
Affinis Hybrids Mixed. Produces long horn-like flowers in white, lavender, purple, rose, and red.....	.30	.85	3.00
Nigella (Love-in-a-Mist) (hA 18 in.)			
Damascena (Miss Jekyll) Cornflower blue flowers, suitable for cutting.....			
.25		.90	
Oenothera, Lamarckiana (Evening Primrose) (hB 2½ ft.) Bears clusters of large, saucer-shaped flowers in brilliant yellow.....	.15	.35	1.20
Painted Daisy (See Pyrethrum)			
Painted Tongue (See Salpiglossis)			

Pansy (hA 8 in.)

LARGE FLOWERED. A desirable bedding strain with well shaped flowers.

	Oz.	1/4 Lb.	Lb.
Black. Velvet jet black.....	.90	\$3.00	\$11.00
Emperor William. Indigo blue, with deeper blue center.....	.90	3.00	11.00
Lord Beaconsfield. Lower petals purple, upper white flushed lavender.....	.90	3.00	11.00
Purple. A handsome sort; rich violet purple.....	.90	3.00	11.00
White. Large flowers, glistening pure white.....	.90	3.00	11.00
Yellow. A very popular pure golden yellow.....	.90	3.00	11.00
Choicest Mixed.....	.60	1.80	6.00

TRIMARDEAU. A large flowering class with well rounded flowers. The upper pair of petals are of the same self color, contrasting with another ground color in the lower three which are beautifully blotched.

Large Flowering Mixed.....	.80	2.50	8.50
----------------------------	-----	------	------

STEELE'S MASTODON 400, Mixed. A taller Oregon type, desirable for cutting. A fine blend of bright colors.

3.00

SWISS GIANT OR ROGGLI. Within the last few years this magnificent strain has become prominent. The flowers are huge, substantial, and of splendid circular outline.

Blue. (Lake of Thun, Ullswater) Marine blue with striking deeper blue blotches.....	1/4 oz.	\$1.25	4.00
Red Shades (Alpenglow) Rich garnet tones with handsome marking.....	1/4 oz.	\$1.50	4.50
Violet Blue (Berna).....	1/4 oz.	\$1.50	4.50
Yellow (Rhinegold) Gold with fine deep brown blotches.....	1/4 oz.	\$1.25	4.00
Mixed (First quality).....	1/4 oz.	\$0.90	2.80
Geneva Super Giant Mixed. The highest quality of Swiss Pansies obtainable. Long-stemmed; a rich assortment of colors.....	1/4 oz.	\$2.00	6.00
MAPLE LEAF GIANTS The largest flowering Pansies we have ever seen. Plants sturdy and compact with big leaves.			18.00
Mixed.....	1/4 oz.	\$3.00	10.00

Passiflora (Passion Flower) (tP-C 15 ft.)

Coerulea Grandiflora, Southern Beauty.....

1/4 oz.

\$0.40

1.20

Passion Flower (See Passiflora)

Pelargonium (See Geranium)

Peas, Everlasting (See Lathyrus Latifolius)

Pentstemon (Beard Tongue) (hP 2 ft.) A plant with shiny leaves and splendid spikes of gay, tubular flowers.

Gloxinoides Mixed. Light throats, often beautifully spotted.....

1.75

6.00

Periwinkle (See Vinca)

Petunia (hA)

HYBRIDA (2 ft.) A very free blooming single flowered class.

Blue King. Royal blue, an unusual color.....	.75	2.50	8.00
Crimson King. Almost a pure self, crimson.....	.75	2.50	8.00
Howard's Star. Crimson with pure white star.....	.75	2.50	8.00
Rose King. Deep rose with a light throat.....	.75	2.50	8.00
Violet King. A rich deep violet of velvety substance.....	.85	3.00	10.00
White. Showy clear, snow white.....	.60	1.75	6.00
Mixed.....	.35	1.00	3.60

NANA ERECTA. (18 in.) A compact type with many single blooms

Rosy Morn. Rosy pink with large white throat.....

1.50

4.75

18.00

Heavenly Blue. An excellent silvery sky blue.....

2.50

BALCONY OR TRAILING (12 in.) Trailing, rampant plants suited to window box and terrace.

Blue. Deep violet blue.....

1/4 oz.

\$1.00

3.50

Rose. Vivid rosy pink.....

1/4 oz.

\$0.70

2.50

White.....

1/4 oz.

\$0.70

2.50

Mixed.....

1/4 oz.

\$0.65

2.20

GIANTS OF CALIFORNIA Immense single flowers beautifully veined and fringed.

Mixed (12 in.).....

1/8 oz.

\$3.00; 1/4 oz.

\$5.50

20.00

Dwarf Mixed (10 in.).....

1/8 oz.

\$3.00; 1/8 oz.

\$5.50



Petunia, Giants of California

GIANT RUFFLED AND FRINGED. (12 in.) Elegantly frilled and ruffled flowers often 3 to 4 inches across. The colors are gorgeously rich and the large throats usually delicately veined.

Pride of Portland. Carmine pink veined with purple.
 Romany Lass. Coppery crimson. Dark throat veined nicely.
 Theodosia. Soft rosy pink with veined yellow throat.
 White Beauty. Satiny white, slightly veined apple green.
 Mixed..... $\frac{1}{6}$ oz. \$2.75

Oz. $\frac{1}{4}$ Lb. Lb.
 \$18.00

DOUBLE FRINGED (12 in.)

Mixed. High percentage of perfectly double, superb, fringed flowers..... $\frac{1}{2}$ oz. \$3.50; $\frac{1}{8}$ oz. \$12.00

Maximum Mixed

Phacelia (hA 8 in.)

Campanularia. A very early blooming annual bearing a wealth of bell-shaped flowers in vivid gentian blue.....

.35 \$1.25

Pheasant's Eye (See Adonis)

Phlox Drummondii (hA 12 in.)

Chamois Rose. Soft cream-pink.....	.60	2.00	\$7.00
Maroon.....	.60	2.00	7.00
Pink (Carnea) Flesh.....	.60	2.00	7.00
Scarlet.....	.60	2.00	7.00
Scarlet, White Eye.....	.60	2.00	7.00
Violet.....	.60	2.00	7.00
White.....	.60	2.00	7.00
Yellow.....	.60	2.00	7.00
Mixed.....	.45	1.45	5.50

Star Mixed. Similar to large flowering sorts but having elegant flowers with toothed and frilled edges, darker at center..

.50 1.65 6.00

Physalis, Franchetti (Chinese Lantern) (hP 18 in.)

Vivid orange-red pods. Excellent for winter bouquets.....

.40 1.30 4.80

Physostegia, Virginica (False Dragon Head) (hP 3 ft.)

Handsome spikes of tubular flowers in rosy lilac.....

.90 3.00

Pin Cushion Flower (See Scabiosa)

Pinks (See Dianthus)

Piqueria Trinerva (See Stevia)

Poinsettia, Annual (See Euphorbia)

Platycodon (Japanese Bell Flower) (hP 18 in.)

Grandiflora Blue. Fine large cupped flowers in deep blue; long stems.....

.75 2.50

Polyanthus (See Primula)

Poppy

	Oz.	1/4 Lb.	Lb.
SHIRLEY (hA 18 in.) Bushy plants, bearing silky petaled blossoms, often fluted.			
Single American Legion. Dazzling scarlet with white cross at center.....	\$0.15	\$0.50	\$1.70
Single Mixed.....	.15	.45	1.50
Double, Pink Shades.....	.35	1.00	3.20
TALL SOMNIFERUM (hA 3 ft.) Beautiful large flowers borne terminally on stout stems.			
Single Mixed. Deeply cupped flowers.....	.20	.60	
Double Carnation Flowered Mixed. Perfectly double, with fringed petals.....	.20	.60	
Double Peony Flowered Mixed. Bold double ball-shaped flowers. Plain edged.....	.20	.60	
Double Choice Mixed..... 10 lbs. or more, \$0.50 per lb.	.20	.60	

NUDICAULE (Iceland Poppy) (hP-R 18 in.) Similar to Shirley but of rich yellow, orange, or white.

Sunbeam. An improvement in the Iceland strain, more thrifty, with finer stems and handsomer flowers. Bloom first year from seed.	
Orange.....	1.00
Yellow.....	1.00
White.....	1.00
Mixed.....	.80
	2.80
	10.00

Coonara Pink Hybrids
ORIENTALE (hP 2½ ft.) Huge cup-shaped flowers with crinkled petals and large decorative pods.

Red.....	.50	1.70	6.00
Hybrids. Tones of white, rose, lavender, orange, and crimson	.60	1.90	7.00

Poor Man's Orchid (See *Schizanthus*)

Portulaca (Moss Rose) (hA 6 in.)

SINGLE. Very large flowers.			
Yellow	.	.40	1.25
Scarlet	.	.40	1.25
White	.	.40	1.25
Mixed	.	.30	.90
DOUBLE. Mixed. Choice quality, not all double.		1.00	3.50
			12.00

Pot Marigold (See *Calendula*)

Potentilla (Cinquefoil) (bP-B 12 in.)

Nepalensis, Miss Wilmott. A lovely salmon rose with dark center .85

Primula (Primrose)

CHINENSIS (tp 10 in.) Quantities of blossoms with fringed petals, in white, lavender, salmon, rose, and crimson.
Single Fringed (Finest quality) $\frac{1}{8}$ oz. \$2.50

Double Fringed.
MALAGOIDES (Baby Primrose).—Lilac.

MALACOIDES (Baby Primrose) Lilac..... 2.00

HARDY VARIETIES. (hP-R 6 in.) Rich velvety flowers of finest quality.

Auricula. Clusters of fragrant flowers in fawn, brown, and maroon. $\frac{1}{4}$ oz. \$1.25
Varie Mixed. (*Polyanthus*). Produces a dense umbel; colors

Veris Mixed (Polyanthus) Produces a dense umbel; colors purple, orange, and crimson $\frac{1}{4}$ oz. \$0.80
Vulgaris (True English Primrose) Fragrant yellow flowers

Vulgaris (True English Primrose) Fragrant yellow flowers with orange centers.....

Primrose (See *Primula*, *Oenothera*)

Pueraria, Thunbergiana (See Kudzu Vine)

Pyrethrum

AUREUM (Golden Feather) (tP 10 in.) Golden leaved bedding plant.....	.25	.80
ROSEUM (Painted Daisy) (hP 2 ft.) Erect plants with fine terminal blossoms.		
Single Mixed. Petals in rose and red, about golden centers..	.70	2.50
Double Mixed. Handsome double or crested flowers in salmon, rose, crimson, and white.....	1/4 oz. \$0.85	3.25

	Oz.	1/4 Lb.	Lb.
Ranunculus , Asiaticus (Buttercup) (hP-R 10 in.)			
Large semi-double flowers in yellow, orange, and red .....	.35	\$1.20	
Rhodanthe (Everlasting) (hA 12 in.)			
Maculata White. Dainty clear white petaled flowers .....	.25	.70	\$2.50
Manglesi Rose. Bright rose .....	.25	.70	2.50
Mixed .....	.25	.70	2.50
Ricinus (Castor Bean) (tP)			
Sanguineus (6 ft.) Green leaves, red veined; stalks blood red: clusters of scarlet fruit .....		.20	.70
Zanzibariensis (10 ft.) Huge leaves often 2 ft. across in bright green and bronze .....		.30	.90
Mixed (8 ft.) 10 lbs. or more, \$0.55 per lb.		.20	.60
Rock Cress (See <i>Arabis</i>)			
Romneya (hP 4 ft.)			
Coulteri (California Tree Poppy) Beautiful, fragrant, cup-shaped white flowers	1.50		
Rudbeckia , Bicolor Superba (Cone Flower) (hA 2 ft.)			
Golden petals flecked brown at bases, about brown centers .....	.30	.90	
Salpiglossis (Painted Tongue) (hA 2½ ft.)			
LARGE FLOWERED. Graceful, velvety, lily-like flowers veined in gold.			
Blue and Gold .....	.60	2.00	
Brown and Gold .....	.60	2.00	
Crimson .....	.60	2.00	
Purple and Gold .....	.60	2.00	
Rose and Gold .....	.60	2.00	
Velvety Red .....	.60	2.00	
Velvety Violet .....	.60	2.00	
Superb Mixed .....	.50	1.50	5.00
Salvia (Flowering Sage)			
Early Bonfire (tP 18 in.) Floriferous dwarf scarlet variety	1.00	3.25	11.00
Harbinger (tP 12 in.) Earliest, compact scarlet	2.50		
Splendens (tP 2 ft.) An early strain producing masses of large scarlet flowers .....	.90	2.75	9.00
Patens (tP 18 in.) Splendid indigo blue flowers	1.75		
Farinacea (hP 3 ft.) Spikes of small, tubular, light blue florets, dusted with a powdery bloom	1.00	3.25	
Sand Verbena (See <i>Abronia</i>)			
Saponaria (Soapwort, Bouncing Bet) (hA 6 in.)			
Multiflora Compacta, Red. Dense bright green foliage blanketed with little starry blossoms .....	.20	.65	2.30
Scabiosa (Pin Cushion Flower)			
LARGE FLOWERED DOUBLE (Mourning Bride) (hA 2½ ft.)			
Abundant, dainty, compact, fragrant blossoms.			
Ageratum Blue .....	.30	.90	3.00
Maroon .....	.30	.90	3.00
Peach Blossom .....	.35	1.00	3.50
Red .....	.30	.90	3.00
Rose .....	.30	.90	3.00
White (Shasta) .....	.35	1.00	3.50
Yellow .....	.30	.90	3.00
Mixed Finest quality .....	.20	.55	1.80
CAUCASICA (hP 2 ft.) Forms an ideal permanent border; large, semi-double blooms.			
Lavender Blue	1.50	5.00	
COLUMBARIA (hP 18 in.) Fine for cutting; dense flower heads.			
Lavender	1.75		
Pink	1.75		

	Oz.	1/4 Lb.	Lb.
Scarlet Flax (See Linum)		\$0.10	\$0.25
Scarlet Runner Bean (hA-C 10 ft.) (See page 14 for larger quantities.)			
Schizanthus (Poor Man's Orchid) (hA 18 in.)			
Dr. Badger's Strain of Hybrids. Handsome large flowers with dainty markings in pastel shades.....	\$0.60	2.00	
Retusus Mixed. Crimson, blue, and purple flowers, spotted gold.....	.40	1.30	
Sea Dahlia (See Leptosyne)			
Sea Lavender (See Statice)			
Sea Pink (See Armeria)			
Sedum (Stone Crop) (hP-R 3 in.)			
Acre (Golden Moss) Mossy foliage covered with tiny golden flowers.....	1/4 oz.	\$1.25	
Sensitive Plant (See Mimosa)	4.50		
Shasta Daisy (Chrysanthemum Leucanthemum) (hP 2 ft.)			
Hybridum Maximum. A very floriferous plant with large blooms, long seasoned.....	.35	1.10	3.50
Hybridum Maximum Alaska. Extra large flowers; bloom later.....	.80	2.50	
Siberian Wallflower (See Cheiranthus)			
Smilax (Myrsiphyllum Asparagoides) (tP-C 6 ft.) Fine long green sprays for indoor decoration.....	.40	1.25	
Snapdragon (See Antirrhinum)			
Sneezewort (See Achillea, Helenium)			
Snow-in-Summer (See Cerastium)			
Snow-on-the-Mountain (See Euphorbia)			
Soapwort (See Saponaria)			
Spider Plant (See Cleome)			
St. Peter's Penny (See Lunaria)			
Statice (Sea Lavender, Everlasting) (hA 2 ft.)			
SINUATA Stiff stalks bear dense groups of dainty blossoms in graduated rows.			
Rose.....	.20	.60	1.75
True Blue. Dark with white eye.....	.20	.60	1.75
White.....	.15	.40	1.00
Yellow (Bonduelli).....	.15	.40	1.00
Mixed.....	.15	.40	1.00
SUWOROWI (Rat Tail) Long, slender spikes densely covered with rosy blooms.....	.50	1.50	
Stevia (tP 2 ft.)			
Serrata, White. Very free flowering; tiny blossoms faintly scented	1.00	3.00	
Stock, Double			
DWARF TEN WEEKS (hA 12 in.) Compact pyramidal habit; not good for cutting but excellent bedding and potting plants.			
Bright Pink.....	1.25	4.50	16.00
Canary Yellow.....	1.25	4.50	16.00
Crimson.....	1.25	4.50	16.00
Lavender.....	1.25	4.50	16.00
Mauve.....	1.25	4.50	16.00
Purple.....	1.25	4.50	16.00
White.....	1.25	4.50	16.00
Mixed.....	.90	2.80	10.00
BEAUTY OF NICE (hA 16 in.) Plants of pyramidal shape, branching above the base.			
Canary Yellow (Monte Carlo).....	1.40	4.75	18.00
Chamois (Aurora).....	1.40	4.75	18.00
Crimson (Souvenir de Monaco).....	1.40	4.75	18.00
Lavender.....	1.40	4.75	18.00
Light Pink (Beauty of Nice).....	1.40	4.75	18.00
Mauve.....	1.40	4.75	18.00
Old Rose (Belle de Naples).....	1.40	4.75	18.00
Purple (Summer Night).....	1.40	4.75	18.00
Rose Pink (Rose of Nice).....	1.40	4.75	18.00
Salmon Cerise (Salmon King).....	1.40	4.75	18.00
White (Mont Blanc).....	1.40	4.75	18.00
Mixed.....	1.00	3.25	12.00
PERPETUAL BRANCHING (hA 20 in.) Branches from base.			
Stalks may be cut repeatedly; blooms later.			
Canary Yellow (Creole).....	1.40	4.75	18.00
Crimson.....	1.40	4.75	18.00
Lavender (Empress Augusta Victoria).....	1.40	4.75	18.00



Stock Trial, Giant Imperial

PERPETUAL BRANCHING (Cont.)

	Oz.	1/4 Lb.	Lb.
Mauve (May Queen).....	\$1.40	\$4.75	\$18.00
Old Rose (Heatham Beauty).....	1.40	4.75	18.00
Purple.....	1.40	4.75	18.00
Rose.....	1.40	4.75	18.00
White (Snowdrift).....	1.40	4.75	18.00
Mixed.....	1.00	3.25	12.00

GIANT IMPERIAL (hA 2 ft.) Long stems, large flower spikes, and good percentage of doubles. Best for florists.

Antique Copper.....	2.00	6.50	22.00
Chamois.....	2.00	6.50	22.00
Crimson.....	2.00	6.50	22.00
Dark Purple (Elk's Pride).....	2.00	6.50	22.00
Golden Rose.....	2.00	6.50	22.00
Lavender.....	2.00	6.50	22.00
Mauve.....	2.00	6.50	22.00
Old Rose.....	2.00	6.50	22.00
Rose.....	2.00	6.50	22.00
Salmon Rose.....	3.25	10.00	32.00
White.....	2.00	6.50	22.00
Yellow (Golden Ball).....	2.00	6.50	22.00
Mixed.....	1.60	5.50	20.00

GIANT WINTER (hhB 2 ft.) Very late; branching; produces great spikes.

Egyptian. Soft rose.....	2.50		
Empress Elizabeth. Bright carmine-pink.....	2.50		
Mixed.....	2.00	6.50	22.00

Stone Crop (See Sedum)

Straw Flowers (See *Aeroclinium*, *Globe Amaranth*, *Helichrysum*, *Rhodanthe*, *Statice*, *Xeranthemum*)

Summer Cypress (See *Kochia*)

Summer Forget-Me-Not (See *Anchusa*)

Summer Lilac (See *Buddleia*)

Sunflower (*Helianthus*) (hA)

Single Red and Gold (5 ft.) Handsome hybrids with deep red centers and petals in crimson and yellow.....	.15	.45	1.50
Single Stella (3 ft.) Gay yellow petals about dark centers.....	.20	.60	2.00
Double Chrysanthemum Flowered (6 ft.) Densely double, bright golden-yellow flowers.....		.35	1.20
Double Golden Globe (6 ft.) The quilled petals form a handsome, rounded head of bright yellow color.....		.35	1.20

Swan River Daisy (See *Brachycome*)



Early American Beauty
(much reduced in size)



Smiles
(much reduced in size)

SWEET PEAS

Since 1886 we have specialized in the development and growing of Sweet Pea seed. No finer varieties or stocks are obtainable elsewhere.

LATE SPENCER (hA-C 6 ft.) A particularly thrifty and vigorous class; the flowers are consistently of large size, delicately waved and frilled, and are nicely placed on long, stiff stems, in groups of three or more.

	Oz.	1/4 Lb.	Lb.
All Bright. Intense, fiery scarlet; vigorous and long-stemmed; sunproof.....	.10	.30	1.15
Ascot. Light rose pink, exquisitely frilled.....	.10	.30	1.15
Austin Frederick Improved. Pure lavender.....	.10	.30	1.15
Avalanche. Best pure white.....	.10	.30	1.15
Brilliant Rose. Warm Tyrian rose.....	.10	.30	1.15
Campfire. Extremely vivid scarlet.....	.10	.30	1.15
Celebrity. Brilliant orange. Vigorous; large flowers; requires shading.....	.15	.50	1.75
Charity. Pure crimson; will not burn.....	.10	.30	1.15
Charming. Bright rose-cerise.....	.10	.30	1.15
Chieftain. Pure satiny mauve, lacking all purple shading.....	.10	.30	1.15
Constance Hinton. Blue-white. Dependable sprouter because black-seeded.....	.10	.30	1.15
Damask Rose. Bright rose carmine.....	.10	.30	1.15
Debutante: Coral, subtly shaded with salmon or peach-pink; a new and distinct color. Long succession of bloom.	.25	.80	2.75
Doreen. Unusually bright carmine; large blossoms normally in fours.....	.10	.30	1.15

	Oz.	1/4 Lb.	Lb.
Eosine. Soft rose tinged with salmon; extra vigorous.....	\$0.10	\$0.30	\$1.15
Fortune. Dusky violet-blue; large flowers.....	.10	.30	1.15
Gleneagles. Light lavender blue; daintily frilled.....	.10	.30	1.15
Good Cheer. Charming begonia-rose; large flowered; robust	.10	.30	1.15
Hero. Brilliant cerise or cherry, tinged with scarlet. Sunproof	.10	.30	1.15
Honour. Beautifully waved flowers in a rich crimson color..	.10	.30	1.15
King White. Standard variety; white-seeded.....	.10	.30	1.15
Magnet. Rich cream-pink; keeps well in water.....	.10	.30	1.15
Majestic Cream. A deep cream shade.....	.10	.30	1.15
Mary Pickford. Dainty cream pink; a universal favorite...	.10	.30	1.15
Miss California. Rose cream pink with soft salmon sheen; very beautiful.....	.10	.30	1.15
Mrs. A. Searles. Bright cerise; large blooms.....	.10	.30	1.15
Olympia. A deep royal purple.....	.10	.30	1.15
Pinkie. Rich rose-pink. The largest and finest pink.....	.10	.30	1.15
Powerscourt. The best lavender; exquisitely frilled.....	.10	.30	1.15
Red Boy. (1933 Novelty) Best deep crimson. Large boldly expanded flowers...100 pkts. \$12.50; 1000 pkts. \$100.00			
Reflection. Clear cornflower blue; extra long stemmed; the best blue.....	.10	.30	1.15
Royal Scot. Bright flame scarlet.....	.10	.30	1.15
Senator. Chocolate and maroon striped and flaked on light background.....	.10	.30	1.15
Smiles. (1933 Novelty) Exquisite shrimp pink tinged with salmon. Great vigor (one of its parents was Pinkie); big flowers; long stems. 100 pkts. \$12.50; 1000 pkts. \$100.00			
Sunkist. Cream colored flower with picotee edge of rose....	.10	.30	1.15
Sybil Henshaw. Glowing blood-crimson. Succeeds King Edward Spencer as the standard crimson.....	.10	.30	1.15
Tangerine Improved. Salmon-orange; requires shading.....	.10	.30	1.15
The Sultan. Deep maroon with a trace of violet.....	.10	.30	1.15
Warrior. Ox-blood maroon, sparkling sheen.....	.10	.30	1.15
Welcome. The most dazzling of all the scarlets. Strictly sunproof. A robust grower, with boldflowers on stout stems.	.25	.80	2.75
What Joy. Primrose yellow shading to cream; so far the nearest approach to a true yellow.....	.10	.30	1.15
Winnie Morse. Delicate cream pink with rose blush; gorgeous, duplexed blooms.....	.10	.30	1.15
Youth. Pure white with picotee edge of soft pink; especially fragrant, large flowers.....	.10	.30	1.15
Superb Mixed. A superb mixture of the finest named sorts; rich, brilliant color.....10 lbs. or more, \$0.65 per lb.		.25	.75
Choice Mixed. A very desirable mixture of true Spencer sorts; many colors.....10 lbs. or more, \$0.45 per lb.		.15	.50

EARLY FLOWERING SPENCER (hA-C 6 ft.) The blossoms are very large, beautifully waved, and carried on long stems; flower 3 to 4 weeks earlier than Late Spencers and are in bloom for weeks. Much in demand by commercial growers for forcing under glass.

	Oz.	1/4 Lb.	Lb.
Early Alameda. Sparkling cerise-pink, white ground.....	\$0.30	\$0.85	\$2.90
Early American Beauty. (1933 novelty) Glowing rose crimson. Immense flowers and vigorous vines.....	1.50	4.50	15.00
*Early Apollo. Soft salmon-cerise. Large flowers on extra long stems.....	.30	.85	2.90
Early Aviator. Glowing crimson; excellent form.....	.30	.85	2.90

*Extra long-stemmed varieties.



Our Sweet Pea "Work Shop" at Salinas, California. Each vine is staked and seed saved separately.

Sweet Peas,

EARLY FLOWERING SPENCER (Continued)

	Oz.	1/4 Lb.	Lb.
Early Ball's Rose. Rose-pink; a heavy cropper.....	.30	.85	\$2.90
Early Blue Bird. Violet blue; vigorous; an old standby.....	.30	.85	2.90
Early Blue Bonnet. Very clear blue.....	.30	.85	2.90
Early Bright Light. Flaming scarlet.....	.30	.85	2.90
Early Burpee's Orange. Clear light orange.....	.35	1.00	3.25
Early Chevalier. Rose carmine.....	.30	.85	2.90
Early Columbia. Rose standard with light pink wings.....	.30	.85	2.90
*Early Fancy. Old rose flaked on cream ground; extra long stemmed and vigorous; an outdoor variety.....	.40	1.20	3.75
Early Fandango. (Duplex) Brilliant deep rose. Very large flowered and the most vigorous of all duplexes.....	.30	.85	2.90
Early Forty-niner. Glowing rich orange; frilled; long stems; vigorous.....	.35	1.10	3.50
Early Giant Rose. Warm rose pink. Recommended for extreme size of flower, fine form, and beautiful waving..	.30	.85	2.90
*Early Greeting. The best lavender. Very clear color; long stems; large flowers; great vigor .....	.40	1.20	3.75
Early Harmony. Clear lavender; very vigorous.....	.30	.85	2.90
Early Marine. Clearest true blue of all Sweet Peas; vigorous; large blooms.....	.30	.85	2.90
Early Meadow Lark. A fine light cream.....	.30	.85	2.90
Early Mrs. Calvin Coolidge. Brilliant salmon pink.....	.30	.85	2.90
*Early Mrs. Herbert Hoover. Violet blue; very long stems...	.30	.85	2.90
Early Mrs. Holscher. Rose pink. Flowers large with thick petals; a good shipper.....	.30	.85	2.90
Early Mrs. Kerr. Orange-salmon.....	.30	.85	2.90
Early Oriental. The best cream; black-seeded.....	.30	.85	2.90
*Early Pal. Best carmine rose; vigorous; long stemmed.....	.30	.85	2.90
*Early Pride. Pure cerise or cherry; extra vigorous, long stemmed, large flowered, and even brighter than Glitters.	.40	1.20	3.75

*Extra long-stemmed varieties.

SWEET PEAS

	Oz.	1/4 Lb.	Lb.
EARLY FLOWERING SPENCER (Continued)			
Early Queen Crimson. Glistening ox-blood crimson .....	.30	.85	\$2.90
Early Snowflake. Pure white; free flowering.....	.30	.85	2.90
Early Snowstorm Improved. White; large well-waved flowers	.30	.85	2.90
Early Snow White. Glistening white. Large flowered and long stemmed; best white-seeded white.....	.30	.85	2.90
Early Sparkle. Flame scarlet. An outdoor variety.....	.30	.85	2.90
Early Springsong. Bright rose-pink flushed salmon; recommended for midwinter bloom.....	.30	.85	2.90
*Early Sunray. Bright glowing cerise with salmon sheen; extra long-stemmed.....	.30	.85	2.90
Early Vogue. Desirable bluish-lavender; fragrant.....	.30	.85	2.90
Early Vulcan. Fiery scarlet-red; sunproof; a favorite.....	.30	.85	2.90
*Early White Harmony. Pure white; black-seeded; vigor, large flowers, and long stems, make it the ideal white....	.35	1.10	3.50
Early Zvolanek's Rose. Bright rose-pink; floriferous.....	.30	.85	2.90
Mixed. A choice selection of the best named varieties to furnish a brilliant show.....10 lbs. or more, \$1.65 per lb.	.20	.55	1.75
GRANDIFLORA (6 ft.)			
Best Large Flowering Mixed. A splendid mixture of grandiflora varieties in all colors.....10 lbs. or more, \$0.35 per lb.		.15	.40
CUPID (8 in.)			
Mixed. A collection of all the best colors.....10 lbs. or more, \$0.60 per lb.		.25	.70
Sweet Pea, Perennial (See <i>Lathyrus Latifolius</i>)			
Sweet Rocket (See <i>Hesperis</i>)			
Sweet Sultan (See <i>Centaurea</i>)			
Sweet William (Dianthus Barbatus) (hP 2 ft.)			
SINGLE. Fine rounded trusses, 3—4 in. across, composed of many disc-like flowers, gayly fringed and marked.			
Newport Pink .....	.55	1.70	5.00
Scarlet Beauty .....	.50	1.50	4.50
White (Albus) .....	.20	.60	2.10
Velvety Maroon .....	.20	.60	2.10
Fine Single Mixed .....	.15	.40	1.40
DOUBLE Mixed. Similar to the singles but has many dainty double flowers; less showy, but remains in bloom longer..	.35	1.10	4.00
Tassel Flower (See <i>Cacalia</i>)			
Texas Blue Bonnet (See <i>Lupin</i>)			
Thimble Flower (See <i>Gilia</i>)			
Thrift (See <i>Armeria</i>)			
Thunbergia, Alata Mixed (Black-Eyed Susan) (tP-C 4 ft.)			
White through buff to deep orange, black centered.....	.40	1.20	
Tithonia, Speciosa (Mexican Sunflower) (tP-C 5 ft.)			
Fine for cutting; dazzling orange-vermilion color.....	.75	2.50	
Transvaal Daisy (See <i>Gerbera</i>)			
Valeriana (Garden Heliotrope) (hP 2 ft.) Silvery foliage; feathery clusters of tiny sweet scented florets.			
Red .....	.50	1.50	
White .....	.50	1.50	
Mixed.....	.50	1.50	

Verbena (tP)

HYBRIDA MAMMOTH, Gigantea (8 in.) A choice selection of the large flowering strain.

	Oz.	1/4 Lb.	Lb.
Blue. Deep violet-blue with white eye.....	\$1.25	\$4.00	
Luminous. Flaming pink shading to coral.....	1.25	4.00	
Scarlet. (Lucifer) Brilliant scarlet.....	1.25	4.00	
White. Exquisite pure white.....	1.25	4.00	
Mixed.....	.90	3.20	

HYBRIDA (8 in.) The ever-reliable bedding type; floriferous.

Scarlet (Defiance) Fiery red with small white eye.....	.80	2.80	\$8.00
Choice Mixed.....	.50	1.60	5.30

CITRIODORA (Lemon Verbena) (6 in.) Low evergreen plant, the leaf sprays of which are useful in dried bouquets.....

2.60

Vinca, Rosea (Periwinkle) (tP 15 in.) Symmetrical, ornamental plant, free from attacks of insects.

Pure White.....	.60	1.75	6.00
Rosea. Bright rose with crimson eye.....	.60	1.75	6.00
Rosea Alba. White with rose center.....	.60	1.75	6.00
Mixed.....	.40	1.30	4.20

Viola Cornuta (Tufted Pansy) (hP-R 6 in.) A persistent bloomer, producing dainty pansy-like flowers.

Blue Perfection. Fine light blue.....	.90		
Jersey Gem. The best deep violet-blue.....	1/8 oz. \$2.00	12.00	
White.....	.90		
Yellow.....	.90		
Mixed.....	.90	3.00	

Virginian Stock (hA 6 in.)

Mixed. Quantities of single flowers in shades of red, and white..	.30	1.00	
---	-----	------	--

Viscaria (Rose of Heaven) (hA 12 in.)

Mixed. Flowers in red, white, and blue, with dark centers.....	.25	.75	
--	-----	-----	--

Wallflower (hhB)

SINGLE (12 in.) Stocky plants, producing rather open clusters of handsome sweet-scented flowers.

Golden Gem. A clear golden yellow flower.....	.20	.60	
Paris Brown. Rich, soft, light brown coloring.....	.20	.60	
Vulcan. Flowers in a rich deep blood-red shade.....	.20	.60	

DOUBLE Mixed (20 in.) Normally produces a single stalk densely set with rich double flowers in shades of orange, yellow, and mulberry.....

1.10 3.50 12.00

Whitlavia (California Canterbury Bells) (hA 12 in.)

Gloxinoides Blue. Produces delicate floral sprays with bell-shaped flowers, intense violet-blue, with white throats.....	.40	1.20	
--	-----	------	--

Wind Flower (See Anemone)

Woolflower (See Celosia Childsi)

Xeranthemum, Double Mixed (Everlasting) (hA 18 in.) Fine for winter bouquets. White, pink, and purple, with white tufted centers.....

.30 1.00

Yarrow (See Achillea)



Zinnia, Double Dahlia Flowered

Zinnia (hA)

DOUBLE DAHLIA FLOWERED (2½ ft.) Extremely robust branching plants, producing enormous, handsome, double flowers on rigid stalks.

	Oz.	1/4 Lb.	Lb.
Canary (Canary Bird).....	.80	2.50	\$8.00
Crimson (Crimson Monarch).....	.80	2.50	8.00
Golden Yellow (Golden Dawn).....	.80	2.50	8.00
Lavender (Dream).....	.80	2.50	8.00
Light Rose (Exquisite).....	.80	2.50	8.00
Orange and Gold (Oriole).....	.80	2.50	8.00
Scarlet (Scarlet Flame).....	.80	2.50	8.00
White (Polar Bear).....	.80	2.50	8.00
Mixed.....	.50	1.60	5.50

DOUBLE GIANT (2½ ft.) A most excellent class, having tall branching plants and large well rounded heads. The colors are more vivid than in the Dahlia Flowered sorts.

Canary Yellow.....	.45	1.40	4.50
Crimson.....	.45	1.40	4.50
Orange.....	.45	1.40	4.50
Pink.....	.45	1.40	4.50
Purple.....	.45	1.40	4.50
White.....	.45	1.40	4.50
Mixed.....	.25	.80	2.80

DOUBLE ELEGANS (Cut and Come Again) (2 ft.) The forerunner of the robust giant types and again becoming popular. Flowers, dome-shaped, fine vivid colors.

Bright Scarlet.....	.40	1.30	
Golden Yellow.....	.40	1.30	
Salmon Rose.....	.40	1.30	
Mixed.....	.25	.80	2.80

DOUBLE LILLIPUT (12 in.) A charming dwarf type excellent for low borders. Plant of bushy habit, producing many double pompon flowers in varied, bright colors.

Canary Yellow.....	.40	1.45	5.00
Crimson.....	.40	1.45	5.00
Orange.....	.40	1.45	5.00
Purple.....	.40	1.45	5.00
Salmon Rose.....	.40	1.45	5.00
Scarlet.....	.40	1.45	5.00
White.....	.40	1.45	5.00
Mixed.....	.30	1.20	4.00

MEXICANA (12 in.) A splendid edging sort.

Double Orange.....	.75
--------------------	-----

LAWN GRASSES

	Code Word	1 lb. or more per lb.	10 lbs. or more per lb.
Astoria Bent	ASBENT		
Chewings Fescue	CHEWFES		
Kentucky Blue Grass	KENT		
Perennial Rye Grass (Paceys)	PERRYE		
Red Top Fancy	REDTOP		
Rough Stalked Meadow	MEADOW		
Seaside Bent	SEBENT		
White Dutch Clover	DUTCH		
Market Price			
Fine Mixed Lawn Grass	FIMIX	\$0.25	\$0.20
Extra Fine Mixed	EFEM	.35	.30
Shady Lawn Mixture	SHADEM	.45	.40
.45			
.30			

Particularly Adapted to Western Conditions

Morse's California Lawn Mixture	MORLAWN	.45	.40
Morse's Golden Gate Park Mixture	MORGATE	.30	.25



Splendid Turf Produced at Oakview From Our Fine Mixed Lawn Grass

SEED BAGS

We annually manufacture for our own use millions of Seed Bags and are in a position to offer to the trade first quality ready made bags at prices as reasonable as the same grade of goods can be purchased anywhere. Samples will be furnished on application.

PRINTING EXTRA, AT COST

			Per 1000
No. 1	Miniature Pockets, Canary	$\frac{7}{8} \times 1\frac{3}{4}$ inches	\$0.75
No. 3	White Coated Paper.....	$2\frac{1}{8} \times 3\frac{1}{4}$ inches	.85
No. 7	White Coated Paper.....	$3\frac{1}{8} \times 4\frac{1}{2}$ inches	1.25
No. 12	White Coated Paper, 1 oz.....	$4 \times 4\frac{3}{4}$ inches	2.00
No. 11	Manila, Gummed, $\frac{1}{2}$ oz.....	$2\frac{1}{4} \times 3\frac{1}{2}$ inches	1.00
No. 13	Manila, Gummed, 1 oz.....	$2\frac{1}{2} \times 4\frac{1}{4}$ inches	1.25
No. 15	Manila, Gummed, 2 oz.....	$3\frac{1}{8} \times 5\frac{1}{2}$ inches	1.50

All bags have flaps but only Nos. 11, 13, and 15 are gummed.

ORDERING BY TELEGRAPH

By using the Telegraphic "Code Word" which appears after each item in this price list and the "Code Word" for any given quantity listed below, you can order by wire at small expense. For example:

"FREIGHT AMPLE BELTON PAPIST."

Means "Ship by first freight 6000 lbs. each Bountiful Beans and Thomas Laxton Peas."

"EXPRESS ACCENT CHATHAM ADDICT CLABER."

Means "Ship by first express 15 lbs. Ferry's Hollander Cabbage and 50 lbs. Red Cored Chantenay Carrot."

TELEGRAPHIC CIPHER FOR WEIGHTS

Ounce	Code Word	Pounds	Code Word	Pounds	Code Word
1	ABATE	55	ADDLE	750	ALARM
Pounds		60	ADDUCE	800	ALCOVE
$\frac{1}{4}$	ABHOR	65	ADEPT	850	ALIGHT
$\frac{1}{2}$	ABIDE	70	ADHERE	900	ALLEGGE
$\frac{3}{4}$	ABOLISH	75	ADJOIN	950	ALLUDE
1	ABOUND	80	ADJOURN	1000	ALPACA
2	ABORT	85	ADJUDGE	1200	ALMOND
3	ABRADE	90	ADJUNCT	1500	ALPINE
4	ABRUPT	95	ADJURE	1800	ALMS
5	ABROGATE	100	ADJUST	2000	ALTER
6	ABSCOND	120	ADMIS	2400	ALUM
7	ABSENT	125	ADMIRE	2500	ALVINE
8	ABSOLVE	150	ADMIT	3000	AMASS
9	ABSORB	175	ADMIX	3500	AMAZE
10	ABSTAIN	200	ADOPT	4000	AMBUSH
11	ABSTRACT	225	ADORE	4500	AMEND
12	ABSURD	250	ADRIFT	5000	AMENITY
13	ABUSE	275	ADULT	5500	AMISS
14	ACCEDE	300	ADVANTAGE	6000	AMPLE
15	ACCENT	325	ADVENT	6500	AMUSE
16	ACCLAIM	350	ADVERSE	7000	ANALYZE
17	ACCESS	375	AERIAL	7500	ANCHOR
18	ACCOST	400	AFFECT	8000	ANCIENT
19	ACCOUNT	425	AFFIRM	8500	ANDIRON
20	ACCREDIT	450	AFFIX	9000	ANGLER
25	ACQUIT	475	AFFORD	9500	ANILE
30	ACTUATE	500	AFFRAY	10000	ANTHEM
35	ACUTE	550	AFLOAT	15000	ANTIC
40	ADAGE	600	AFORE	20000	ANTLER
45	ADAPT	650	AGAINST	25000	ANTELOPE
50	ADDICT	700	AGHAST	36000	ANTIDOTE

OUR TELEGRAPHIC ADDRESS: If you live East of the Rocky Mountains please address your telegrams to us in Detroit, Michigan. If you live on the Pacific Coast or West of the Rocky Mountains please address your telegrams to us in San Francisco, California.

FERRY-MORSE SEED CO.

SAN FRANCISCO, CAL.

DETROIT, MICH.



1933

Wholesale Price List

